



SAFETY DATA SHEET

SDS No.: 23-020

Date: 3 February, 2023

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 008641

Product Name: MILBON BRILLIANT POLISHING OIL

Chemical Family: Mixture

Intended use: Hair finishing Oil, Cosmetic

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication: Not applicable

Label elements

Hazard pictograms: Not applicable

Signal words: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	Chemical name	CAS number	%
-	-	-	-



Ingredients (INCI NAME):

ETHYLHEXYL PALMITATE, CARTHAMUS TINCTORIUS (SAFFLOWER) SEED OIL, DIMETHICONE, MINERAL OIL, ETHYLHEXYL ISONONANOATE, CAPRYLIC/CAPRIC TRIGLYCERIDE, SIMMONDSIA CHINENSIS (JOJOBA) SEED OIL, C13-15 ALKANE, SQUALANE, BIS-ETHOXYDIGLYCOL CYCLOHEXANE 1,4-DICARBOXYLATE, ISOSTEAROYL HYDROLYZED SILK, ISOSTEARIC ACID, BISABOLOS, ASCORBYL TETRAISOPALMITATE, TOCOPHEROL, FRAGRANCE

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. If irritation persists, get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Not applicable.

SECTION 5. Firefighting measures

Extinguishing media:

Suitable extinguishing media: In case of fire, use water mist, foam, dry powder, CO2 to extinguish.

Unsuitable extinguishing media: Unsuitable extinguishing media data is not available.

Specific hazards arising from the substance or mixture:

Specific hazards arising from the substance or mixture is not available.

Advice for firefighters:

Specific fire-fighting measures:

Evacuate non-essential personnel to safe area.

Special protective equipment and precautions for fire-fighters:

Firefighters should wear self-contained breathing apparatus with full face piece operated positive pressure mode.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Environmental precautions:

Prevent spills from entering sewers, watercourses or low areas.

Do not wash away into sewers or waterway.

Methods and material for containment and cleaning up

Sweep up, place in a bag and hold for waste disposal.

Fill the disposal into labelled, closable containers.

Preventive measures for secondary accident



Collect spillage.

SECTION 7. Handling and storage

Precautions for safe handling

Preventive measures:

Avoid contact with eyes.

Safety Measures:

Use personal protective equipment as required.

Any incompatibilities

No information available.

Advice on general occupational hygiene

Do not get in eyes, on skin, or on clothing.

Wash contaminated parts thoroughly after handling.

Do not eat, drink or smoke when using this product.

Take off contaminated clothing and wash it before reuse.

Wash hands thoroughly after handling.

External use only.

Storage

Conditions for safe storage

Store in cool and dry areas. Protect from heat and sunlight; store in places far from rain and humidity; never store outdoors. Store separately from other dangerous and incompatible substances.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

Chemical Name	Cas-No.	ACGIH TLV	OSHA PEL	NIOSH-REL
-	-	-	-	-

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Appropriate engineering controls:

Eye wash station should be available.

Washing facilities should be available.

Individual protection measures:

HAND PROTECTION: None required for product use.

SKIN PROTECTION: None required for product use.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: None required for product use.



SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Liquid
Color	Pale Yellow
Odor	Characteristic
pH	Not available
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	176°C
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Insoluble
Partition coefficient:	Not available
auto-ignition temperature	Not available
Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available.

Conditions to avoid: Heat and sunlight, extremely cold place.

Incompatible materials: Information not available.

Hazardous decomposition products: Information not available.

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions. Assessed as safe with Skin Patch Test.

Information on toxicological effects:

Information on likely routes of exposure

SKIN: Prolong contact may cause skin irritation.



EYE: May cause eye irritation.

INGESTION: May be harmful if swallowed

Product;

Acute toxicity (Oral): Classification not possible

Acute toxicity (Dermal): Not classified

Acute toxicity (Inhalation): Classification not possible

Skin corrosion/irritation: Classification not possible

Serious eye damage/irritation: Classification not possible

Respiratory sensitization: Classification not possible

Skin sensitization: Classification not possible

Germ cell mutagenicity: Classification not possible

Carcinogenicity: Classification not possible

Reproductive toxicity: Classification not possible

STOT-single exposure: Classification not possible

STOT-repeated exposure: Classification not possible

Aspiration hazard: Classification not possible

Components; published information / Table 3 of Annex VI to the CLP Regulations

Chemical Name	CAS-No	ACUTE TOXICOLOGY DATA			Skin corrosion/irritation	Eye damage/irritation	Skin sensitization
		Oral	Dermal	Inhalation			
-	-	-	-	-	-	-	-

SECTION 12. Ecological information

Aquatic toxicity: No information available.

Water solubility: No information available.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

Other adverse effects: No information available.

SECTION 13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.

Waste treatment methods:

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packing:



Dispose of container after using the contents completely.

SECTION 14. Transport information

ADR / RID: Not classified dangerous goods

MDG: Not classified dangerous goods

IATA: Not classified dangerous goods

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

Other regulatory information:

We are not able to check up the regulatory information with regard to the substances in your country or region, therefore, we request this matter would be filled by your responsibility.

SECTION 16. Other information

References and sources for data:

Globally Harmonized System of classification and labelling of chemicals, UN

Recommendations on the TRANSPORT OF DANGEROUS GOODS 21th edit., 2019 UN

IMDG Code, 2018 Edition (Incorporating Amendment 39-18)

IATA Dangerous Goods Regulations (62nd Edition) 2021

2020 EMERGENCY RESPONSE GUIDEBOOK (US DOT)

2022 TLVs and BEIs. (ACGIH)

Supplier's data/information

Hazard Communication Standard - 2012 (29 CFR 1910.1200)

General Disclaimer

The GHS classification data given here is based on current EU official data (Consolidated version of the CLP Regulation published in 1.3.2022 and Commission delegated regulation (EU) 2021/849 (ATP17)) & US Hazard Communication Standard - 2012.

THIS INFORMATION AS MENTIONED HEREINABOVE IS GIVEN IN GOOD FAITH AND IS BASED ON TECHNICAL INFORMATION WHICH WE BELIEVE TO BE RELIABLE AND ACCURATE. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE.

-Nothing Follows-



SAFETY DATA SHEET

SDS No.: 23-019

Date: 3 February, 2023

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 008661

Product Name: MILBON BRILLIANT SHINE SPRAY

Chemical Family: Mixture

Intended use: Hair finishing spray, Cosmetic

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication:

Flammable aerosols - category 1

Label elements

Hazard pictograms:



Signal words: WARNING

Hazard statements:

H222 Extremely flammable aerosol

Precautionary statements:

P210 Keep away from heat, hot surface, sparks, open flames and other ignition sources. - No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Pressurized container: Do not pierce or burn, even after use.

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.



SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	Chemical name	CAS number	%
BUTANE	Butane	106-97-8	< 25%
ISOBUTANE	Isobutane	75-28-5	< 10%
PROPANE	Propane	74-98-6	< 10%

Ingredients (INCI NAME):

DIMETHICONE, BUTANE, DIMETHYL ETHER, ISOBUTANE, PROPANE, C12-15 ALKYL BENZOATE, CAPRYLIC/CAPRIC TRIGLYCERIDE, SIMMONDSIA CHINENSIS (JOJOBA) SEED OIL, C13-15 ALKANE, SQUALANE, BIS-ETHOXYDIGLYCOL CYCLOHEXANE 1,4-DICARBOXYLATE, DIMETHICONOL, PHENYL TRIMETHICONE, ISOSTEAROYL HYDROLYZED SILK, ISOSTEARIC ACID, BISABOOL, ASCORBYL TETRAISOPALMITATE, TOCOPHEROL, FRAGRANCE

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. If irritation persists, get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Not applicable.

SECTION 5. Firefighting measures

Extinguishing media:

Suitable extinguishing media: In case of fire, use water mist, foam, dry powder, CO2 to extinguish.

Unsuitable extinguishing media: straight stream water

Specific hazards arising from the substance or mixture:

Specific hazards arising from the substance or mixture is not available.

Advice for firefighters:

Specific fire-fighting measures:

Evacuate non-essential personnel to safe area.

Special protective equipment and precautions for fire-fighters:

Firefighters should wear self-contained breathing apparatus with full face piece operated positive pressure mode.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.



Environmental precautions:

Prevent spills from entering sewers, watercourses or low areas.

Do not wash away into sewers or waterway.

Methods and material for containment and cleaning up

Sweep up, place in a bag and hold for waste disposal.

Fill the disposal into labelled, closable containers.

Preventive measures for secondary accident

Collect spillage.

SECTION 7. Handling and storage

Precautions for safe handling

Preventive measures:

Avoid contact with eyes.

Safety Measures:

Use personal protective equipment as required.

Any incompatibilities

No information available.

Advice on general occupational hygiene

Do not get in eyes, on skin, or on clothing.

Wash contaminated parts thoroughly after handling.

Do not eat, drink or smoke when using this product.

Take off contaminated clothing and wash it before reuse.

Wash hands thoroughly after handling.

External use only.

Ensure good ventilation at the workplace.

Do not expose to heat and flame.

Do not puncture or incinerate container.

Use only as directed.

Storage

Conditions for safe storage

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 120°F (~50°C). Store in places far from rain and humidity; never store outdoors. Store separately from other dangerous and incompatible substances.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines



Chemical Name	Cas-No.	ACGIH TLV	OSHA PEL	NIOSH-REL
Butane	106-97-8	STEL: 1000ppm		
Isobutane	75-28-5	STEL: 1000ppm		
Propane	74-98-6	TWA: 1000ppm	TWA: 1000ppm	TWA: 1000ppm

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Appropriate engineering controls:

Eye wash station should be available.

Washing facilities should be available.

Individual protection measures:

HAND PROTECTION: None required for product use.

SKIN PROTECTION: None required for product use.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: None required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Liquid (Content)
Color	Pale Yellow
Odor	Characteristic
pH	Not available
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	55°C
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Insoluble
Partition coefficient:	Not available
auto-ignition temperature	Not available
Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available



SECTION 12. Ecological information

Aquatic toxicity: No information available.

Water solubility: No information available.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

Other adverse effects: No information available.

SECTION 13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.

Waste treatment methods:

Use all contents before disposal.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packing:

Dispose of container after using the contents completely.

SECTION 14. Transport information

IATA (Air): UN1950: Aerosols, flammable, Class 2.1

ID8000: Consumer Commodity, Class 9

IMDG (Sea): UN 1950: Aerosols, flammable, Class 2.1

ADR/RID (Ground): UN1950: Aerosols, Class 2

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

Other regulatory information:

We are not able to check up the regulatory information with regard to the substances in your country or region, therefore, we request this matter would be filled by your responsibility.

SECTION 16. Other information

References and sources for data:

Globally Harmonized System of classification and labelling of chemicals, UN

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2022 TLVs and BEIs. (ACGIH)

Supplier's data/information

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-Nothing Follows-



SAFETY DATA SHEET

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 005021

Product Name: MILBON DRY TEXTURIZING SPRAY 4

Chemical Family: Mixture

Intended use: Hair styling spray, cosmetics

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication:

Flammable aerosols - category 1

Label elements

Hazard pictograms:



Signal words: DANGER

Hazard statements:

H220 Extremely flammable gas

Precautionary statements:

P210 Keep away from heat, hot surface, sparks, open flames and other ignition sources. - No smoking.

P377 Leaking gas fire: Do not extinguish, unless leak can be stopped safely.

P381 In case of leakage, eliminate all ignition sources.

P403 Store in a well-ventilated place.

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture



Only hazardous constituents associated with the product are listed below

CHEMICAL NAME	CAS number	%
Ethyl Alcohol	64-17-5	< 20%
HYDROFLUOROCARBON 152a	75-37-6	< 85%

Ingredient List;

HYDROFLUOROCARBON 152a, ALCOHOL DENAT., VP/VA COPOLYMER, HELIANTHUS ANNUUS (SUNFLOWER) SEED EXTRACT, ACTINIDIA CHINENSIS (KIWI) FRUIT EXTRACT, ALOE BARBADENSIS LEAF EXTRACT, HEDYCHIUM CORONARIUM (GINGER) ROOT EXTRACT, MANGIFERA INDICA (MANGO) FRUIT EXTRACT, PASSIFLORA INCARNATA (PASSION FLOWER) EXTRACT, AMP-ISOSTEAROYL HYDROLYZED WHEAT PROTEIN, ZEOLITE, ACETYL TRIETHYL CITRATE, PEG/PPG-17/18 DIMETHICONE, BENZOPHENONE-4, GLYCERIN, BUTYLENE GLYCOL, PHENOXYETHANOL, CHLORPHENESIN, BENZOIC ACID, SORBIC ACID, WATER (AQUA), FRAGRANCE (PARFUM)

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Remove victim to fresh air. Get medical advice/attention immediately if the person feels unwell.

SECTION 5. Firefighting measures

Flash point: Not available.

Extinguishing media: Use chemical foam, dry chemical, carbon dioxide, water.

Firefighting Instructions: Contact emergency personnel. Use self-contained breathing apparatus and full protective gear.

Specific hazards: Extremely flammable aerosol. When heated, a pressure will increase and products may burst.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Methods and material for containment and cleaning up

Collect the leaked product and place it in containers for disposal. Scrub the area with detergent.

SECTION 7. Handling and storage

Precautions for safe handling

Ensure good ventilation at the workplace. External use only. Do not expose to heat and flame. Do not puncture



or incinerate container. Use only as directed. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Conditions for safe storage, including any incompatibilities

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 120° F (~50° C). Store in places far from rain and humidity; never store outdoors.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

INCI NAME	CAS No	Exposure Limit
ALCOHOL	64-17-5	TWA:1000ppm, STEL:1000ppm

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

HAND PROTECTION: None required for product use.

SKIN PROTECTION: None required for product use.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: Respiratory protection is not required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Liquid
Color	Pale yellow opaque
Odor	Characteristics
pH	4.0 – 10.0
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Insoluble
Partition coefficient:	Not available
auto-ignition temperature	Not available



Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available

Conditions to avoid: Heat and sunlight.

Incompatible materials: Information not available

Hazardous decomposition products: Information not available

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Information on toxicological effects

Information on likely routes of exposure.

SKIN: Prolonged exposure may cause skin irritation

EYE: May cause eye irritation.

INGESTION: May be harmful if swallowed.

INHALATION: May be harmful if inhaled.

ACUTE TOXICITY:

Products;

LD₅₀ (Oral) of the mixture: Not classified

LD₅₀ (Dermal) of the mixture: Not classified

LC₅₀ (Inhalation) of the mixture: Not classified

Component information;

INCI name	CAS-No	LD50 Oral	LD50 Dermal	LC50 Inhalation
ALCOHOL	64-17-5	13700mg/kg	LD ₀ =20000mg/kg	66280ppmV

SKIN CORROSION / IRRITATION: Not classified.

SERIOUS EYE DAMAGE / IRRITATION: Not classified.

RESPIRATORY OR SKIN SENSITIZATION: Not classified.

GERM CELL MUTAGENICITY: Not classified.

CARCINOGENICITY: Not classified.

REPRODUCTIVE TOXICITY: Not classified.



STOT - SINGLE EXPOSURE: Not classified.

STOT - REPEATED EXPOSURE: Not classified.

ASPIRATION HAZARD: Not classified.

SECTION 12. Ecological information

This product itself has not been tested. The following results have been associated with some of its ingredients.

Toxicity

Chemical name	Acute and prolonged toxicity to fish	acute toxicity to aquatic invertebrates	toxicity to aquatic plants
ALCOHOL	LC ₅₀ =11200ppm,96hr	EC ₅₀ =5463mg/L,48hr	EC ₅₀ =1000mg/L, 96hr

SECTION 13. Disposal considerations

Waste treatment methods

Use all contents before disposal.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14. Transport information

IATA (Air): UN1950: Aerosols, Class 2.1

In consumer packaging: limited quantity, ID 8000, Consumer commodity, Class 9

IMDG (Sea): UN 1950: Aerosols, Class 2.1

ADR/RID (Ground): UN1950: Aerosols, Class 2

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

SECTION 16. Other information

Issuing Date: 23th September, 2020

Version: 2nd

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-Nothing Follows-



SAFETY DATA SHEET

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 005023

Product Name: MILBON EXTRA STRONG HOLD HAIRSPRAY 10

Chemical Family: Mixture

Intended use: Hair styling spray, cosmetics

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication:

Flammable aerosols - category 1

Label elements

Hazard pictograms:



Signal words: DANGER

Hazard statements:

H220

Extremely flammable gas

Precautionary statements:

P210 Keep away from heat, hot surface, sparks, open flames and other ignition sources. - No smoking.

P377 Leaking gas fire: Do not extinguish, unless leak can be stopped safely.

P381 In case of leakage, eliminate all ignition sources.

P403 Store in a well-ventilated place.

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

Other hazards



SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

CHEMICAL NAME	CAS number	%
Ethyl Alcohol	64-17-5	< 55%
HYDROFLUOROCARBON 152a	75-37-6	< 45%

Ingredient List;

ALCOHOL DENAT. HYDROFLUOROCARBON 152a, WATER (AQUA), OCTYLACRYLAMIDE/ACRYLATES/ BUTYLAMINOETHYL METHACRYLATE COPOLYMER, AMINOMETHYL PROPANOL, PANTHENOL, PEG/PPG-17/18 DIMETHICONE, AMP-ISOSTEAROYL HYDROLYZED WHEAT PROTEIN, BENZOPHENONE-4, GLYCERIN, FRAGRANCE (PARFUM)

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Remove victim to fresh air. Get medical advice/attention immediately if the person feels unwell.

SECTION 5. Firefighting measures

Flash point: Not available.

Extinguishing media: Use chemical foam, dry chemical, carbon dioxide, water.

Firefighting Instructions: Contact emergency personnel. Use self-contained breathing apparatus and full protective gear.

Specific hazards: Extremely flammable aerosol. When heated, a pressure will increase and products may burst.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Methods and material for containment and cleaning up

Collect the leaked product and place it in containers for disposal. Scrub the area with detergent.

Reference to other sections

SECTION 7. Handling and storage

Precautions for safe handling

Ensure good ventilation at the workplace. External use only. Do not expose to heat and flame. Do not puncture



or incinerate container. Use only as directed. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Conditions for safe storage, including any incompatibilities

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 120° F (~50° C). Store in places far from rain and humidity; never store outdoors.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

INCI NAME	CAS No	Exposure Limit
ALCOHOL	64-17-5	TWA:1000ppm, STEL:1000ppm

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

HAND PROTECTION: None required for product use.

SKIN PROTECTION: None required for product use.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: Respiratory protection is not required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Liquid
Color	Clear
Odor	Characteristics
pH	4.0 – 10.0
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Insoluble



Partition coefficient:	Not available
auto-ignition temperature	Not available
Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available

Conditions to avoid: Heat and sunlight.

Incompatible materials: Information not available

Hazardous decomposition products: Information not available

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Information on toxicological effects

Information on likely routes of exposure.

SKIN: Prolonged exposure may cause skin irritation

EYE: May cause eye irritation.

INGESTION: May be harmful if swallowed.

INHALATION: May be harmful if inhaled.

ACUTE TOXICITY:

Products;

LD₅₀ (Oral) of the mixture: Not classified

LD₅₀ (Dermal) of the mixture: Not classified

LC₅₀ (Inhalation) of the mixture: Not classified

Component information;

INCI name	CAS-No	LD50 Oral	LD50 Dermal	LC50 Inhalation
ALCOHOL	64-17-5	13700mg/kg	LD ₀ =20000mg/kg	66280ppmV

SKIN CORROSION / IRRITATION: Not classified.

SERIOUS EYE DAMAGE / IRRITATION: Not classified.

RESPIRATORY OR SKIN SENSITIZATION: Not classified.

GERM CELL MUTAGENICITY: Not classified.

CARCINOGENICITY: Not classified.



REPRODUCTIVE TOXICITY: Not classified.

STOT - SINGLE EXPOSURE: Not classified.

STOT - REPEATED EXPOSURE: Not classified.

ASPIRATION HAZARD: Not classified.

SECTION 12. Ecological information

This product itself has not been tested. The following results have been associated with some of its ingredients.

Toxicity

Chemical name	Acute and prolonged toxicity to fish	acute toxicity to aquatic invertebrates	toxicity to aquatic plants
ALCOHOL	LC ₅₀ =11200ppm,96hr	EC ₅₀ =5463mg/L,48hr	EC ₅₀ =1000mg/L, 96hr

SECTION 13. Disposal considerations

Waste treatment methods

Use all contents before disposal.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14. Transport information

IATA (Air): UN1950: Aerosols, Class 2.1

In consumer packaging: limited quantity, ID 8000, Consumer commodity, Class9

IMDG (Sea): UN 1950: Aerosols, Class 2.1

ADR/RID (Ground): UN1950: Aerosols, Class 2

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

SECTION 16. Other information

Issuing Date: 23th September, 2020

Version: 2nd

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-Nothing Follows-



SAFETY DATA SHEET

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 006302

Product Name: MILBON MATTE TEXTURIZING PASTE 8

Chemical Family: Mixture

Intended use: Hair styling, cosmetics

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication: Not applicable

Label elements

Hazard pictograms: Not applicable

Signal wards: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	Chemical name	CAS number	%
ALCOHOL	ethanol	64-17-5	< 1%



AMINOMETHYL PROPANOL	2-amino-2-methylpropanol	124-68-5	<1%
PHENOXYETHANOL	2-phenoxyethanol	122-99-6	< 1%

Ingredient List;

WATER, MINERAL OIL, EUPHORBIA CERIFERA (CANDELILLA) WAX, DIATOMACEOUS EARTH, MICROCRYSTALLINE WAX, CETETH-15, STEARIC ACID, KAOLIN, GLYCERYL STEARATE, PROPYLENE GLYCOL, PARAFFIN, PRUNUS ARMENIACA (APRICOT) KERNEL OIL, ISOSTEAROYL HYDROLYZED SILK, ASCORBYL TETRAISOPALMITATE, ISOSTEARIC ACID, HYDROXYETHYL ACRYLATE/METHOXYETHYL ACRYLATE COPOLYMER, ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER, SILICA, ALCOHOL, AMINOMETHYL PROPANOL, PHENOXYETHANOL, METHYLPARABEN, FRAGRANCE

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. If irritation persists, get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Not applicable.

SECTION 5. Firefighting measures

Flash point: Not available.

Extinguishing media: Use chemical foam, dry chemical, carbon dioxide, water.

Firefighting Instructions: Contact emergency personnel. Use self-contained breathing apparatus and full protective gear.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Methods and material for containment and cleaning up

Stop leak. Wipe off spilled products. Clean the area with detergent.

Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

Precautions for safe handling

Avoid eye contact. External use only.



Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Store in cool and dry areas. Protect from heat and sunlight, avoid freezing, store in places far from rain and humidity; never store outdoors.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

INCI name	CAS number	Exposure Limit
ALCOHOL	64-17-5	TWA:1000ppm, STEL:1000ppm

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

HAND PROTECTION: None required for product use.

SKIN PROTECTION: Avoid prolonged contact with skin.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: None required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Cream
Color	Yellowish Grey
Odor	Characteristic
pH	6.5 – 8.0
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Partially soluble
Partition coefficient:	Not available
auto-ignition temperature	Not available
Decomposition temperature	Not available



Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available

Conditions to avoid: Heat and sunlight, extremely cold place

Incompatible materials: Information not available

Hazardous decomposition products: Information not available

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Information on toxicological effects

Information on likely routes of exposure.

SKIN: Prolonged exposure may cause skin irritation

EYE: May cause eye irritation

INGESTION: May be harmful if swallowed

ACUTE TOXICITY:

Products;

LD50 (Oral) of the mixture: Not classified

LD50 (Dermal) of the mixture: Not classified

LC50 (Inhalation) of the mixture: Not classified

Component information;

chemical name	LD ₅₀ Oral	LD ₅₀ Dermal	LC ₅₀ Inhalation
ALCOHOL	13700mg/kg	LD ₀ =20000mg/kg	66280ppmV
PHENOXYETHANOL	1260mg/kg	2250mg/kg	176.5mg/L

SKIN CORROSION / IRRITATION: Not classified

SERIOUS EYE DAMAGE / IRRITATION: Not classified

RESPIRATORY OR SKIN SENSITIZATION: Not classified

GERM CELL MUTAGENICITY: Not classified

CARCINOGENICITY: Not classified

REPRODUCTIVE TOXICITY: Not classified

STOT - SINGLE EXPOSURE: Not classified

STOT - REPEATED EXPOSURE: Not classified

ASPIRATION HAZARD: Not classified



SECTION 12. Ecological information

This product itself has not been tested. The following results have been associated with some of its ingredients.

Toxicity

Chemical name	Acute and prolonged toxicity to fish	acute toxicity to aquatic invertebrates	toxicity to aquatic plants
ALCOHOL	LC ₅₀ =11200ppm,96hr	EC ₅₀ =5463mg/L,48hr	EC ₅₀ =1000mg/L, 96hr
PHENOXYETHANOL	LC ₅₀ = 344 mg/L, 96hr	EC ₅₀ = 488 mg/L, 48hr	EC ₅₀ > 500 mg/L, 72hr

SECTION 13. Disposal considerations

Waste treatment methods

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14. Transport information

ADR / RID: Not classified as dangerous goods

MDG: Not classified as dangerous goods

IATA: Not classified as dangerous goods

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

SECTION 16. OTHER INFORMATION

Issuing Date: September 30, 2020

Version: 1st

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-Nothing Follows-



SAFETY DATA SHEET

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 004761

Product Name: MILBON MOLDING WAX 3

Chemical Family: Mixture

Intended use: Hair styling, cosmetics

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication: Not applicable

Label elements

Hazard pictograms: Not applicable

Signal wards: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	Chemical name	CAS number	%
ALCOHOL	ethanol	64-17-5	< 1%



PHOSPHORIC ACID	phosphoric acid	7664-38-2	<0.2%
PHENOXYETHANOL	2-phenoxyethanol	122-99-6	< 1%

Ingredient List;

WATER, CETYL ETHYLHEXANOATE, EUPHORBIA CERIFERA (CANDELILLA) WAX, CETETH-20, STEARIC ACID, PROPYLENE GLYCOL, CETETH-6, STEARYL ALCOHOL, AMP-ACRYLATES/C1-18 ALKYL ACRYLATE/C1-8 ALKYL ACRYLAMIDE COPOLYMER, ISOSTEAROYL HYDROLYZED SILK, ISOSTEARIC ACID, ALCOHOL, CARBOMER, PEG-14M, PEG-12 DIMETHICONE, PEG-45 STEARATE, SODIUM PHOSPHATE, PHOSPHORIC ACID, AMINOMETHYL PROPANOL, ETIDRONIC ACID, PHENOXYETHANOL, METHYLPARABEN, FRAGRANCE

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. If irritation persists, get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Not applicable.

SECTION 5. Firefighting measures

Flash point: Not available.

Extinguishing media: Use chemical foam, dry chemical, carbon dioxide, water.

Firefighting Instructions: Contact emergency personnel. Use self-contained breathing apparatus and full protective gear.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Methods and material for containment and cleaning up

Stop leak. Wipe off spilled products. Clean the area with detergent.

Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

Precautions for safe handling

Avoid eye contact. External use only.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Store in cool and dry areas. Protect from heat and sunlight, avoid freezing, store



in places far from rain and humidity; never store outdoors.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

INCI name	CAS number	Exposure Limit
ALCOHOL	64-17-5	TWA:1000ppm, STEL:1000ppm
PHOSPHORIC ACID	7664-38-2	TWA: 1 mg/m ³ STEL: 3 mg/m ³

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

HAND PROTECTION: None required for product use.

SKIN PROTECTION: Avoid prolonged contact with skin.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: None required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Cream
Color	Pale Yellow
Odor	Characteristic
pH	6.5 – 7.0
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Partially soluble
Partition coefficient:	Not available
auto-ignition temperature	Not available
Decomposition temperature	Not available



Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available

Conditions to avoid: Heat and sunlight, extremely cold place

Incompatible materials: Information not available

Hazardous decomposition products: Information not available

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Information on toxicological effects

Information on likely routes of exposure.

SKIN: Prolonged exposure may cause skin irritation

EYE: May cause eye irritation

INGESTION: May be harmful if swallowed

ACUTE TOXICITY:

Products;

LD50 (Oral) of the mixture: Not classified

LD50 (Dermal) of the mixture: Not classified

LC50 (Inhalation) of the mixture: Not classified

Component information;

chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
ALCOHOL	13,700mg/kg	LD ₀ =20,000mg/kg	66,280ppmV
PHENOXYETHANOL	1,260mg/kg	2,250mg/kg	176.5mg/L
PHOSPHORIC ACID	2,000 mg/kg	1,071 mg/kg	3,846 mg/m ³ , 1hr

SKIN CORROSION / IRRITATION: Not classified

SERIOUS EYE DAMAGE / IRRITATION: Not classified

RESPIRATORY OR SKIN SENSITIZATION: Not classified

GERM CELL MUTAGENICITY: Not classified

CARCINOGENICITY: Not classified

REPRODUCTIVE TOXICITY: Not classified

STOT - SINGLE EXPOSURE: Not classified

STOT - REPEATED EXPOSURE: Not classified



ASPIRATION HAZARD: Not classified

SECTION 12. Ecological information

This product itself has not been tested. The following results have been associated with some of its ingredients.

Toxicity

Chemical name	Acute and prolonged toxicity to fish	acute toxicity to aquatic invertebrates	toxicity to aquatic plants
ALCOHOL	LC ₅₀ =11,200ppm,96hr	EC ₅₀ =5,463mg/L,48hr	EC ₅₀ =1,000mg/L, 96hr
PHENOXYETHANOL	LC ₅₀ = 344 mg/L, 96hr	EC ₅₀ = 488 mg/L, 48hr	EC ₅₀ > 500 mg/L, 72hr

SECTION 13. Disposal considerations

Waste treatment methods

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14. Transport information

ADR / RID: Not classified dangerous goods

MDG: Not classified dangerous goods

IATA: Not classified dangerous goods

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

SECTION 16. Other information

Issuing Date: 7th July, 2020

Version: 2nd

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-Nothing Follows-



SAFETY DATA SHEET

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 004762

Product Name: MILBON MOLDING WAX 5

Chemical Family: Mixture

Intended use: Hair styling, cosmetics

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication: Not applicable

Label elements

Hazard pictograms: Not applicable

Signal wards: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	Chemical name	CAS number	%
ALCOHOL	Ethanol	64-17-5	< 2%



PHOSPHORIC ACID	Phosphoric acid	7664-38-2	<0.2%
PHENOXYETHANOL	2-phenoxyethanol	122-99-6	< 1%

Ingredient List;

WATER, MICROCRYSTALLINE WAX, CETYL ETHYLHEXANOATE, EUPHORBIA CERIFERA (CANDELILLA) WAX, CYCLOPENTASILOXANE, CETETH-20, STEARIC ACID, PROPYLENE GLYCOL, CETETH-6, ALCOHOL, STEARYL ALCOHOL, AMP-ACRYLATES/C1-18 ALKYL ACRYLATE/C1-8 ALKYL ACRYLAMIDE COPOLYMER, ISOSTEAROYL HYDROLYZED SILK, ISOSTEARIC ACID, KAOLIN, DIATOMACEOUS EARTH, CARBOMER, SODIUM PHOSPHATE, PEG-14M, PEG-12 DIMETHICONE, PEG-45 STEARATE, PHOSPHORIC ACID, AMINOMETHYL PROPANOL, ETIDRONIC ACID, PHENOXYETHANOL, METHYLPARABEN, FRAGRANCE

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. If irritation persists, get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Not applicable.

SECTION 5. Firefighting measures

Flash point: Not available.

Extinguishing media: Use chemical foam, dry chemical, carbon dioxide, water.

Firefighting Instructions: Contact emergency personnel. Use self-contained breathing apparatus and full protective gear.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Methods and material for containment and cleaning up

Stop leak. Wipe off spilled products. Clean the area with detergent.

Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

Precautions for safe handling

Avoid eye contact. External use only.

Conditions for safe storage, including any incompatibilities



Keep containers tightly closed. Store in cool and dry areas. Protect from heat and sunlight, avoid freezing, store in places far from rain and humidity; never store outdoors.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

INCI name	CAS number	Exposure Limit
ALCOHOL	64-17-5	TWA:1000ppm, STEL:1000ppm
PHOSPHORIC ACID	7664-38-2	TWA: 1 mg/m ³ STEL: 3 mg/m ³

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

HAND PROTECTION: None required for product use.

SKIN PROTECTION: Avoid prolonged contact with skin.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: None required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Cream
Color	Pale Yellow
Odor	Characteristic
pH	6.5 – 7.0
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Partially soluble
Partition coefficient:	Not available
auto-ignition temperature	Not available



Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available

Conditions to avoid: Heat and sunlight, extremely cold place

Incompatible materials: Information not available

Hazardous decomposition products: Information not available

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Information on toxicological effects

Information on likely routes of exposure.

SKIN: Prolonged exposure may cause skin irritation

EYE: May cause eye irritation

INGESTION: May be harmful if swallowed

ACUTE TOXICITY:

Products;

LD50 (Oral) of the mixture: Not classified

LD50 (Dermal) of the mixture: Not classified

LC50 (Inhalation) of the mixture: Not classified

Component information;

chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
ALCOHOL	13,700mg/kg	LD ₀ =20,000mg/kg	6,6280ppmV
PHENOXYETHANOL	1,260mg/kg	2,250mg/kg	176.5mg/L
PHOSPHORIC ACID	2,000 mg/kg	1,071 mg/kg	3,846 mg/m ³ , 1hr

SKIN CORROSION / IRRITATION: Not classified

SERIOUS EYE DAMAGE / IRRITATION: Not classified

RESPIRATORY OR SKIN SENSITIZATION: Not classified

GERM CELL MUTAGENICITY: Not classified

CARCINOGENICITY: Not classified

REPRODUCTIVE TOXICITY: Not classified

STOT - SINGLE EXPOSURE: Not classified



STOT - REPEATED EXPOSURE: Not classified

ASPIRATION HAZARD: Not classified

SECTION 12. Ecological information

This product itself has not been tested. The following results have been associated with some of its ingredients.

Toxicity

Chemical name	Acute and prolonged toxicity to fish	acute toxicity to aquatic invertebrates	toxicity to aquatic plants
ALCOHOL	LC ₅₀ =11,200ppm,96hr	EC ₅₀ =5,463mg/L,48hr	EC ₅₀ =1,000mg/L, 96hr
PHENOXYETHANOL	LC ₅₀ = 344 mg/L, 96hr	EC ₅₀ = 488 mg/L, 48hr	EC ₅₀ > 500 mg/L, 72hr

SECTION 13. Disposal considerations

Waste treatment methods

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14. Transport information

ADR / RID: Not classified dangerous goods

MDG: Not classified dangerous goods

IATA: Not classified dangerous goods

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

SECTION 16. Other information

Issuing Date: 7th July, 2020

Version: 2nd

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-Nothing Follows-



SAFETY DATA SHEET

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 004763

Product Name: MILBON MOLDING WAX 7

Chemical Family: Mixture

Intended use: Hair styling, cosmetics

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication: Not applicable

Label elements

Hazard pictograms: Not applicable

Signal wards: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	Chemical name	CAS number	%
ALCOHOL	Ethanol	64-17-5	< 2%



PHOSPHORIC ACID	Phosphoric acid	7664-38-2	<0.2%
PHENOXYETHANOL	2-phenoxyethanol	122-99-6	< 1%

Ingredient List;

WATER, EUPHORBIA CERIFERA (CANDELILLA) WAX, CETYL ETHYLHEXANOATE, CYCLOPENTASILOXANE, MICROCRYSTALLINE WAX, CETETH-20, STEARIC ACID, PROPYLENE GLYCOL, CETETH-6, ALCOHOL, STEARYL ALCOHOL, AMP-ACRYLATES/C1-18 ALKYL ACRYLATE/C1-8 ALKYL ACRYLAMIDE COPOLYMER, ISOSTEAROYL HYDROLYZED SILK, ISOSTEARIC ACID, KAOLIN, CARBOMER, SODIUM PHOSPHATE, PEG-12 DIMETHICONE, PEG-45 STEARATE, PHOSPHORIC ACID, AMINOMETHYL PROPANOL, ETIDRONIC ACID, PHENOXYETHANOL, METHYLPARABEN, FRAGRANCE

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. If irritation persists, get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Not applicable.

SECTION 5. Firefighting measures

Flash point: Not available.

Extinguishing media: Use chemical foam, dry chemical, carbon dioxide, water.

Firefighting Instructions: Contact emergency personnel. Use self-contained breathing apparatus and full protective gear.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Methods and material for containment and cleaning up

Stop leak. Wipe off spilled products. Clean the area with detergent.

Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

Precautions for safe handling

Avoid eye contact. External use only.

Conditions for safe storage, including any incompatibilities



Keep containers tightly closed. Store in cool and dry areas. Protect from heat and sunlight, avoid freezing, store in places far from rain and humidity; never store outdoors.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

INCI name	CAS number	Exposure Limit
ALCOHOL	64-17-5	TWA:1000ppm, STEL:1000ppm
PHOSPHORIC ACID	7664-38-2	TWA: 1 mg/m ³ STEL: 3 mg/m ³

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

HAND PROTECTION: None required for product use.

SKIN PROTECTION: Avoid prolonged contact with skin.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: None required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Cream
Color	Pale Yellow
Odor	Characteristic
pH	6.0 – 7.0
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Partially soluble
Partition coefficient:	Not available
auto-ignition temperature	Not available



Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available

Conditions to avoid: Heat and sunlight, extremely cold place

Incompatible materials: Information not available

Hazardous decomposition products: Information not available

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Information on toxicological effects

Information on likely routes of exposure.

SKIN: Prolonged exposure may cause skin irritation

EYE: May cause eye irritation

INGESTION: May be harmful if swallowed

ACUTE TOXICITY:

Products;

LD50 (Oral) of the mixture: Not classified

LD50 (Dermal) of the mixture: Not classified

LC50 (Inhalation) of the mixture: Not classified

Component information;

chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
ALCOHOL	13,700mg/kg	LD ₀ =20,000mg/kg	66,280ppmV
PHENOXYETHANOL	1,260mg/kg	2,250mg/kg	176.5mg/L
PHOSPHORIC ACID	2,000 mg/kg	1,071 mg/kg	3,846 mg/m3, 1hr

SKIN CORROSION / IRRITATION: Not classified

SERIOUS EYE DAMAGE / IRRITATION: Not classified

RESPIRATORY OR SKIN SENSITIZATION: Not classified

GERM CELL MUTAGENICITY: Not classified

CARCINOGENICITY: Not classified

REPRODUCTIVE TOXICITY: Not classified

STOT - SINGLE EXPOSURE: Not classified



STOT - REPEATED EXPOSURE: Not classified

ASPIRATION HAZARD: Not classified

SECTION 12. Ecological information

This product itself has not been tested. The following results have been associated with some of its ingredients.

Toxicity

Chemical name	Acute and prolonged toxicity to fish	acute toxicity to aquatic invertebrates	toxicity to aquatic plants
ALCOHOL	LC ₅₀ =11200ppm,96hr	EC ₅₀ =5463mg/L,48hr	EC ₅₀ =1000mg/L, 96hr
PHENOXYETHANOL	LC ₅₀ = 344 mg/L, 96hr	EC ₅₀ = 488 mg/L, 48hr	EC ₅₀ > 500 mg/L, 72hr

SECTION 13. Disposal considerations

Waste treatment methods

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14. Transport information

ADR / RID: Not classified dangerous goods

MDG: Not classified dangerous goods

IATA: Not classified dangerous goods

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

SECTION 16. Other information

Issuing Date: 7th July, 2020

Version: 2nd

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-Nothing Follows-



SAFETY DATA SHEET

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 007641

Product Name: MILBON REFRESHING DRY SHAMPOO

Chemical Family: Mixture

Intended use: dry shampoo, cosmetics

Recommendations on use: Personal care product to refresh scalp and hair.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka, Japan

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication:

Flammable aerosols - category 1

Label elements

Hazard pictograms:



Signal words: DANGER

Hazard statements:

H220 Extremely flammable gas

Precautionary statements:

P210 Keep away from heat, hot surface, sparks, open flames and other ignition sources. - No smoking.

P377 Leaking gas fire: Do not extinguish, unless leak can be stopped safely.

P381 In case of leakage, eliminate all ignition sources.

P403 Store in a well-ventilated place.

General Precautionary Statements:



Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	CAS number	%
BUTANE	106-97-8	< 30%
ISOBUTANE	75-28-5	< 12%
ALCOHOL	61-17-5	< 10%

Ingredient List;

TETRAFLUOROPROPENE, BUTANE, ISOBUTANE, ALCOHOL, ALUMINUM STARCH OCTENYLSUCCINATE, MAGNESIUM STEARATE, ISOSTEAROYL HYDROLYZED SILK, LEONTOPODIUM ALPINUM FLOWER/LEAF EXTRACT, HYDROXYAPATITE, ISOSTEARIC ACID, AMP-ACRYLATES/C1-18 ALKYL ACRYLATE/C1-8 ALKYL ACRYLAMIDE COPOLYMER, SILICA, CITRIC ACID, GLYCERIN, WATER/AQUA/EAU, FRAGRANCE/PARFUM

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Remove victim to fresh air. Get medical advice/attention immediately if the person feels unwell.

SECTION 5. Firefighting measures

Flash point: Not available.

Extinguishing media: Use chemical foam, dry chemical, carbon dioxide, water.

Firefighting Instructions: Contact emergency personnel. Use self-contained breathing apparatus and full protective gear.

Specific hazards: Extremely flammable aerosol. When heated, a pressure will increase and products may burst.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Methods and material for containment and cleaning up

Collect the leaked product and place it in containers for disposal. Scrub the area with detergent.

SECTION 7. Handling and storage



Precautions for safe handling

Ensure good ventilation at the workplace. External use only. Do not expose to heat and flame. Do not puncture or incinerate container. Use only as directed. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Conditions for safe storage, including any incompatibilities

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 120° F (~50° C). Store in places far from rain and humidity; never store outdoors.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

INCI NAME	CAS No	Exposure Limit
BUTANE	106-97-8	ACGIH TLV
ISOBUTANE	75-28-5	TWA: 1000ppm

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

HAND PROTECTION: None required for product use.

SKIN PROTECTION: None required for product use.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: Respiratory protection is not required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Liquid
Color	White
Odor	Characteristics
pH	Not available
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	13.0°C(Closed cup, content liquid)
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available



Relative density	Not available
Solubility in water	Partially Soluble
Partition coefficient:	Not available
auto-ignition temperature	Not available
Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available

Conditions to avoid: Heat and sunlight.

Incompatible materials: Information not available

Hazardous decomposition products: Information not available

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Information on toxicological effects

Information on likely routes of exposure.

SKIN: Prolonged exposure may cause skin irritation

EYE: May cause eye irritation.

INGESTION: May be harmful if swallowed.

INHALATION: May be harmful if inhaled.

ACUTE TOXICITY:

Products;

LD₅₀ (Oral) of the mixture: Not classified

LD₅₀ (Dermal) of the mixture: Not classified

LC₅₀ (Inhalation) of the mixture: Not classified

Component information;

chemical name	CAS-No	LD ₅₀ Oral	LD ₅₀ Dermal	LC ₅₀ Inhalation
BUTANE	106-97-8			277374ppm, 4hr
ALCOHOL	64-17-5	13700mg/kg	LD0=20000mg/kg	66280ppmV

SKIN CORROSION / IRRITATION: Not classified.

SERIOUS EYE DAMAGE / IRRITATION: Not classified.



RESPIRATORY OR SKIN SENSITIZATION: Not classified.

GERM CELL MUTAGENICITY: Not classified.

CARCINOGENICITY: Not classified.

REPRODUCTIVE TOXICITY: Not classified.

STOT - SINGLE EXPOSURE: Not classified.

STOT - REPEATED EXPOSURE: Not classified.

ASPIRATION HAZARD: Not classified.

SECTION 12. Ecological information

No information is available.

SECTION 13. Disposal considerations

Waste treatment methods

Use all contents before disposal.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14. Transport information

IATA (Air): UN1950, AEROSOLS, flammable, Class 2.1

Consumer Commodity, ID 8000, Class9

IMDG (Sea): UN1950, AEROSOLS, flammable, Class 2.1

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

SECTION 16. Other information

Issuing Date: 13th October, 2021

Version: 1st

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-Nothing Follows-



SAFETY DATA SHEET

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 006101

Product Name: MILBON SATIN TEXTURIZING CREAM 3

Chemical Family: Mixture

Intended use: Hair styling, cosmetics

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication: Not applicable

Label elements

Hazard pictograms: Not applicable

Signal wards: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	Chemical name	CAS number	%
ALCOHOL	ethanol	64-17-5	< 1%



PHOSPHORIC ACID	phosphoric acid	7664-38-2	<0.2%
PHENOXYETHANOL	2-phenoxyethanol	122-99-6	< 1%

Ingredient List;

WATER, CETYL ETHYLHEXANOATE, EUPHORBIA CERIFERA (CANDELILLA) WAX, CETETH-20, STEARIC ACID, SYNTHETIC FLUORPHLOGOPITE, PROPYLENE GLYCOL, CETETH-6, STEARYL ALCOHOL, PRUNUS ARMENIACA (APRICOT) KERNEL OIL, ISOSTEAROYL HYDROLYZED SILK, ASCORBYL TETRAISOPALMITATE, ISOSTEARIC ACID, AMP-ACRYLATES/C1-18 ALKYL ACRYLATE/C1-8 ALKYL ACRYLAMIDE COPOLYMER, PEG-14M, CARBOMER, PEG-45 STEARATE, SODIUM PHOSPHATE, PEG-12 DIMETHICONE, PHOSPHORIC ACID, ALCOHOL, AMINOMETHYL PROPANOL, ETIDRONIC ACID, PHENOXYETHANOL, METHYLPARABEN, FRAGRANCE

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. If irritation persists, get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Not applicable.

SECTION 5. Firefighting measures

Flash point: Not available.

Extinguishing media: Use chemical foam, dry chemical, carbon dioxide, water.

Firefighting Instructions: Contact emergency personnel. Use self-contained breathing apparatus and full protective gear.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Methods and material for containment and cleaning up

Stop leak. Wipe off spilled products. Clean the area with detergent.

Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

Precautions for safe handling

Avoid eye contact. External use only.

Conditions for safe storage, including any incompatibilities



Keep containers tightly closed. Store in cool and dry areas. Protect from heat and sunlight, avoid freezing, store in places far from rain and humidity; never store outdoors.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

INCI name	CAS number	Exposure Limit
ALCOHOL	64-17-5	TWA:1000ppm, STEL:1000ppm
PHOSPHORIC ACID	7664-38-2	TWA: 1 mg/m ³ STEL: 3 mg/m ³

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

HAND PROTECTION: None required for product use.

SKIN PROTECTION: Avoid prolonged contact with skin.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: None required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Cream
Color	White
Odor	Characteristic
pH	6.0 – 7.5
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Partially soluble
Partition coefficient:	Not available



auto-ignition temperature	Not available
Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available

Conditions to avoid: Heat and sunlight, extremely cold place

Incompatible materials: Information not available

Hazardous decomposition products: Information not available

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Information on toxicological effects

Information on likely routes of exposure.

SKIN: Prolonged exposure may cause skin irritation

EYE: May cause eye irritation

INGESTION: May be harmful if swallowed

ACUTE TOXICITY:

Products;

LD50 (Oral) of the mixture: Not classified

LD50 (Dermal) of the mixture: Not classified

LC50 (Inhalation) of the mixture: Not classified

Component information;

chemical name	LD ₅₀ Oral	LD ₅₀ Dermal	LC ₅₀ Inhalation
ALCOHOL	13700mg/kg	LD ₀ =20000mg/kg	66280ppmV
PHENOXYETHANOL	1260mg/kg	2250mg/kg	176.5mg/L
PHOSPHORIC ACID	2,000 mg/kg	1,071 mg/kg	3,846 mg/m3, 1hr

SKIN CORROSION / IRRITATION: Not classified

SERIOUS EYE DAMAGE / IRRITATION: Not classified

RESPIRATORY OR SKIN SENSITIZATION: Not classified

GERM CELL MUTAGENICITY: Not classified

CARCINOGENICITY: Not classified

REPRODUCTIVE TOXICITY: Not classified



STOT - SINGLE EXPOSURE: Not classified

STOT - REPEATED EXPOSURE: Not classified

ASPIRATION HAZARD: Not classified

SECTION 12. Ecological information

This product itself has not been tested. The following results have been associated with some of its ingredients.

Toxicity

Chemical name	Acute and prolonged toxicity to fish	acute toxicity to aquatic invertebrates	toxicity to aquatic plants
ALCOHOL	LC ₅₀ =11200ppm,96hr	EC ₅₀ =5463mg/L,48hr	EC ₅₀ =1000mg/L, 96hr
PHENOXYETHANOL	LC ₅₀ = 344 mg/L, 96hr	EC ₅₀ = 488 mg/L, 48hr	EC ₅₀ > 500 mg/L, 72hr

SECTION 13. Disposal considerations

Waste treatment methods

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14. Transport information

ADR / RID: Not classified as dangerous goods

MDG: Not classified as dangerous goods

IATA: Not classified as dangerous goods

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

SECTION 16. OTHER INFORMATION

Issuing Date: September 30, 2020

Version: 1st

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-Nothing Follows-



SAFETY DATA SHEET

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 005022

Product Name: MILBON STRONG HOLD HAIRSPRAY 7

Chemical Family: Mixture

Intended use: Hair styling spray, cosmetics

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication:

Flammable aerosols - category 1

Label elements

Hazard pictograms:



Signal words: DANGER

Hazard statements:

H220 Extremely flammable gas

Precautionary statements:

P210 Keep away from heat, hot surface, sparks, open flames and other ignition sources. - No smoking.

P377 Leaking gas fire: Do not extinguish, unless leak can be stopped safely.

P381 In case of leakage, eliminate all ignition sources.

P403 Store in a well-ventilated place.

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture



Only hazardous constituents associated with the product are listed below

CHEMICAL NAME	CAS number	%
Ethyl Alcohol	64-17-5	< 55%
HYDROFLUOROCARBON 152a	75-37-6	< 45%

Ingredient List;

ALCOHOL DENAT., HYDROFLUOROCARBON 152a, OCTYLACRYLAMIDE/ACRYLATES/BUTYLAMINOETHYL METHACRYLATE COPOLYMER, AMINOMETHYL PROPANOL, PANTHENOL, ACTINIDIA CHINENSIS (KIWI) FRUIT EXTRACT, ALOE BARBADENSIS LEAF EXTRACT, HEDYCHIUM CORONARIUM (GINGER) ROOT EXTRACT, MANGIFERA INDICA (MANGO) FRUIT EXTRACT, PASSIFLORA INCARNATA (PASSION FLOWER) EXTRACT, AMP-ISOSTEAROYL HYDROLYZED WHEAT PROTEIN, ACETYL TRIETHYL CITRATE, PEG/PPG-17/18 DIMETHICONE, BENZOPHENONE-4, GLYCERIN, WATER (AQUA), PHENOXYETHANOL, CHLORPHENESIN, BENZOIC ACID, SORBIC ACID, FRAGRANCE (PARFUM)

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Remove victim to fresh air. Get medical advice/attention immediately if the person feels unwell.

SECTION 5. Firefighting measures

Flash point: Not available.

Extinguishing media: Use chemical foam, dry chemical, carbon dioxide, water.

Firefighting Instructions: Contact emergency personnel. Use self-contained breathing apparatus and full protective gear.

Specific hazards: Extremely flammable aerosol. When heated, a pressure will increase and products may burst.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Methods and material for containment and cleaning up

Collect the leaked product and place it in containers for disposal. Scrub the area with detergent.

Reference to other sections

SECTION 7. Handling and storage

Precautions for safe handling



Ensure good ventilation at the workplace. External use only. Do not expose to heat and flame. Do not puncture or incinerate container. Use only as directed. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Conditions for safe storage, including any incompatibilities

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 120° F (~50° C). Store in places far from rain and humidity; never store outdoors.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

INCI NAME	CAS No	Exposure Limit
ALCOHOL	64-17-5	TWA:1000ppm, STEL:1000ppm

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

HAND PROTECTION: None required for product use.

SKIN PROTECTION: None required for product use.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: Respiratory protection is not required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Liquid
Color	Clear
Odor	Characteristics
pH	4.0 – 10.0
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available



Solubility in water	Insoluble
Partition coefficient:	Not available
auto-ignition temperature	Not available
Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available

Conditions to avoid: Heat and sunlight.

Incompatible materials: Information not available

Hazardous decomposition products: Information not available

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Information on toxicological effects

Information on likely routes of exposure.

SKIN: Prolonged exposure may cause skin irritation

EYE: May cause eye irritation.

INGESTION: May be harmful if swallowed.

INHALATION: May be harmful if inhaled.

ACUTE TOXICITY:

Products;

LD₅₀ (Oral) of the mixture: Not classified

LD₅₀ (Dermal) of the mixture: Not classified

LC₅₀ (Inhalation) of the mixture: Not classified

Component information;

INCI name	CAS-No	LD50 Oral	LD50 Dermal	LC50 Inhalation
ALCOHOL	64-17-5	13700mg/kg	LD ₀ =20000mg/kg	66280ppmV

SKIN CORROSION / IRRITATION: Not classified.

SERIOUS EYE DAMAGE / IRRITATION: Not classified.

RESPIRATORY OR SKIN SENSITIZATION: Not classified.



GERM CELL MUTAGENICITY: Not classified.

CARCINOGENICITY: Not classified.

REPRODUCTIVE TOXICITY: Not classified.

STOT - SINGLE EXPOSURE: Not classified.

STOT - REPEATED EXPOSURE: Not classified.

ASPIRATION HAZARD: Not classified.

SECTION 12. Ecological information

This product itself has not been tested. The following results have been associated with some of its ingredients.

Toxicity

Chemical name	Acute and prolonged toxicity to fish	acute toxicity to aquatic invertebrates	toxicity to aquatic plants
ALCOHOL	LC ₅₀ =11200ppm,96hr	EC ₅₀ =5463mg/L,48hr	EC ₅₀ =1000mg/L, 96hr

SECTION 13. Disposal considerations

Waste treatment methods

Use all contents before disposal.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14. Transport information

IATA (Air): UN1950: Aerosols, Class 2.1

In consumer packaging: limited quantity, ID 8000, Consumer commodity, Class 9

IMDG (Sea): UN 1950: Aerosols, Class 2.1

ADR/RID (Ground): UN1950: Aerosols, Class 2

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

SECTION 16. Other information

Issuing Date: 23th September, 2020

Version: 2nd

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-Nothing Follows-



SAFETY DATA SHEET

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 004770

Product Name: MILBON TEXTURIZING SEA MIST 3

Chemical Family: Mixture

Intended use: Hair styling, cosmetics

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication: Not applicable

Label elements

Hazard pictograms: Not applicable

Signal wards: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	CAS number	%
ALCOHOL	64-17-5	< 5%
PHENOXYETHANOL	122-99-6	< 0.5%



Ingredient List;

WATER, ALCOHOL, SODIUM CHLORIDE, PVP, POLYSORBATE 20, SEA SALT, HELIANTHUS ANNUUS (SUNFLOWER) SEED OIL, ISOSTEAROYL HYDROLYZED SILK, ISOSTEARIC ACID, HYDROLYZED SILK, TOCOPHEROL, PHENOXYETHANOL, FRAGRANCE

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. If irritation persists, get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Not applicable.

SECTION 5. Firefighting measures

Flash point: Not available.

Extinguishing media: Use chemical foam, dry chemical, carbon dioxide, water.

Firefighting Instructions: Contact emergency personnel. Use self-contained breathing apparatus and full protective gear.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Methods and material for containment and cleaning up

Stop leak. Wipe off spilled products. Clean the area with detergent.

Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

Precautions for safe handling

Avoid eye contact. External use only.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Store in cool and dry areas. Protect from heat and sunlight, avoid freezing, store in places far from rain and humidity; never store outdoors.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines



Chemical name	CAS number	Exposure Limit
-	-	-

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

HAND PROTECTION: None required for product use.

SKIN PROTECTION: Avoid prolonged contact with skin.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: None required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Liquid
Color	Pale yellow
Odor	Characteristic
pH	4.0 – 5.0
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Soluble
Partition coefficient:	Not available
auto-ignition temperature	Not available
Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available

Conditions to avoid: Heat and sunlight, extremely cold place



Incompatible materials: Information not available

Hazardous decomposition products: Information not available

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Information on toxicological effects

Information on likely routes of exposure.

SKIN: Prolonged exposure may cause skin irritation

EYE: May cause eye irritation

INGESTION: May be harmful if swallowed

ACUTE TOXICITY:

Products;

LD50 (Oral) of the mixture: Not classified

LD50 (Dermal) of the mixture: Not classified

LC50 (Inhalation) of the mixture: Not classified

Component information;

INCI name	CAS-No	LD50 Oral	LD50 Dermal	LC50 Inhalation
PHENOXYETHANOL	122-99-6	1,260mg/kg	2,250mg/kg	176.5mg/L

SKIN CORROSION / IRRITATION: Not classified

SERIOUS EYE DAMAGE / IRRITATION: Not classified

RESPIRATORY OR SKIN SENSITIZATION: Not classified

GERM CELL MUTAGENICITY: Not classified

CARCINOGENICITY: Not classified

REPRODUCTIVE TOXICITY: Not classified

STOT - SINGLE EXPOSURE: Not classified

STOT - REPEATED EXPOSURE: Not classified

ASPIRATION HAZARD: Not classified

SECTION 12. Ecological information

This product itself has not been tested. The following results have been associated with some of its ingredients.

Toxicity

INCI name	Acute and prolonged toxicity to fish	acute toxicity to aquatic invertebrates	toxicity to aquatic plants
PHENOXYETHANOL	96hr, LC ₅₀ = 344 mg/L	EC ₅₀ = 488 mg/L 48hr	EC ₅₀ > 500 mg/L, 72hr

SECTION 13. Disposal considerations

Waste treatment methods



Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14. Transport information

ADR / RID: Not classified dangerous goods

MDG: Not classified dangerous goods

IATA: Not classified dangerous goods

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

SECTION 16. Other information

Issuing Date: 7th July, 2020

Version: 2nd

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-Nothing Follows-



SAFETY DATA SHEET

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 004771

Product Name: MILBON THICKENING MIST 4

Chemical Family: Mixture

Intended use: Hair styling, cosmetics

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication: Not applicable

Label elements

Hazard pictograms: Not applicable

Signal words: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	CAS number	%
ALCOHOL	64-17-5	< 6%



PHENOXYETHANOL

122-99-6

<1%

Ingredient List;

WATER, VP/VA COPOLYMER, ALCOHOL DENAT., ALCOHOL, POLYSORBATE 20, HONEY, POLYQUATERNIUM-11, ISOSTEAROYL HYDROLYZED SILK, ISOSTEARIC ACID, HYDROLYZED SILK, PANTHENOL, PHENOXYETHANOL, FRAGRANCE

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. If irritation persists, get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Not applicable.

SECTION 5. Firefighting measures

Flash point: Not available.

Extinguishing media: Use chemical foam, dry chemical, carbon dioxide, water.

Firefighting Instructions: Contact emergency personnel. Use self-contained breathing apparatus and full protective gear.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Methods and material for containment and cleaning up

Stop leak. Wipe off spilled products. Clean the area with detergent.

Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

Precautions for safe handling

Avoid eye contact. External use only.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Store in cool and dry areas. Protect from heat and sunlight, avoid freezing, store in places far from rain and humidity; never store outdoors.

SECTION 8. Exposure controls/personal protection

Control parameters



Exposure Guidelines

Chemical name	CAS number	Exposure Limit
-	-	-

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

HAND PROTECTION: None required for product use.

SKIN PROTECTION: Avoid prolonged contact with skin.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: None required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Liquid
Color	Pale yellow
Odor	Characteristic
pH	4.0 – 5.5
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Soluble
Partition coefficient:	Not available
auto-ignition temperature	Not available
Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available

Conditions to avoid: Heat and sunlight, extremely cold place



Incompatible materials: Information not available

Hazardous decomposition products: Information not available

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Information on toxicological effects

Information on likely routes of exposure.

SKIN: Prolonged exposure may cause skin irritation

EYE: May cause eye irritation

INGESTION: May be harmful if swallowed

ACUTE TOXICITY:

Products;

LD50 (Oral) of the mixture: Not classified

LD50 (Dermal) of the mixture: Not classified

LC50 (Inhalation) of the mixture: Not classified

Component information;

INCI name	CAS-No	LD50 Oral	LD50 Dermal	LC50 Inhalation
PHENOXYETHANOL	122-99-6	1,260mg/kg	2,250mg/kg	176.5mg/L

SKIN CORROSION / IRRITATION: Not classified

SERIOUS EYE DAMAGE / IRRITATION: Not classified

RESPIRATORY OR SKIN SENSITIZATION: Not classified

GERM CELL MUTAGENICITY: Not classified

CARCINOGENICITY: Not classified

REPRODUCTIVE TOXICITY: Not classified

STOT - SINGLE EXPOSURE: Not classified

STOT - REPEATED EXPOSURE: Not classified

ASPIRATION HAZARD: Not classified

SECTION 12. Ecological information

This product itself has not been tested. The following results have been associated with some of its ingredients.

Toxicity

INCI name	Acute and prolonged toxicity to fish	acute toxicity to aquatic invertebrates	toxicity to aquatic plants
PHENOXYETHANOL	96hr, LC ₅₀ = 344 mg/L	EC ₅₀ = 488 mg/L 48hr	EC ₅₀ > 500 mg/L, 72hr

SECTION 13. Disposal considerations



Waste treatment methods

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14. Transport information

ADR / RID: Not classified dangerous goods

MDG: Not classified dangerous goods

IATA: Not classified dangerous goods

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

SECTION 16. Other information

Issuing Date: 7th July, 2020

Version: 2nd

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-Nothing Follows-



SAFETY DATA SHEET

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 004766

Product Name: MILBON WAVE DEFINING CREAM 1

Chemical Family: Mixture

Intended use: Hair styling, cosmetics

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication: Not applicable

Label elements

Hazard pictograms: Not applicable

Signal wards: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	Chemical name	CAS number	%
ALCOHOL	ethanol	64-17-5	< 1.5%



ISOPROPYL ALCOHOL	isopropanol	67-63-0	< 0.2%
PHENOXYETHANOL	2-phenoxyethanol	122-99-6	< 0.5%

Ingredient List;

WATER, CYCLOPENTASILOXANE, GLYCERIN, CETYL ALCOHOL, PHENYL TRIMETHICONE, CETYL LACTATE, DIMER DILINOLEYL DIMER DILINOLEATE, ALCOHOL, HYDROXYETHYL ACRYLATE/METHOXYETHYL ACRYLATE COPOLYMER, PRUNUS ARMENIACA (APRICOT) KERNEL OIL, BUTYROSPERMUM PARKII (SHEA) OIL, ISOSTEAROYL HYDROLYZED SILK, ISOSTEARIC ACID, OLEYL OLEATE, STEARYL ALCOHOL, CAPRYLIC/CAPRIC TRIGLYCERIDE, AMP-ACRYLATES/C1-18 ALKYL ACRYLATE/C1-8 ALKYL ACRYLAMIDE COPOLYMER, AMINOPROPYL DIMETHICONE, DIMETHICONOL, DIMETHICONE, BUTYLENE GLYCOL, ISOPROPYL ALCOHOL, DISTEARYLDIMONIUM CHLORIDE, BEHENTRIMONIUM METHOSULFATE, PHENOXYETHANOL, FRAGRANCE

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. If irritation persists, get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Not applicable.

SECTION 5. Firefighting measures

Flash point: Not available.

Extinguishing media: Use chemical foam, dry chemical, carbon dioxide, water.

Firefighting Instructions: Contact emergency personnel. Use self-contained breathing apparatus and full protective gear.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Methods and material for containment and cleaning up

Stop leak. Wipe off spilled products. Clean the area with detergent.

Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

Precautions for safe handling



Avoid eye contact. External use only.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Store in cool and dry areas. Protect from heat and sunlight, avoid freezing, store in places far from rain and humidity; never store outdoors.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

INCI name	CAS number	Exposure Limit
ALCOHOL	64-17-5	TWA:1000ppm, STEL:1000ppm

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

HAND PROTECTION: None required for product use.

SKIN PROTECTION: Avoid prolonged contact with skin.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: None required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Cream
Color	White
Odor	Characteristic
pH	3.0 – 5.5
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Partially soluble
Partition coefficient:	Not available



auto-ignition temperature	Not available
Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available

Conditions to avoid: Heat and sunlight, extremely cold place

Incompatible materials: Information not available

Hazardous decomposition products: Information not available

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Information on toxicological effects

Information on likely routes of exposure.

SKIN: Prolonged exposure may cause skin irritation

EYE: May cause eye irritation

INGESTION: May be harmful if swallowed

ACUTE TOXICITY:

Products;

LD50 (Oral) of the mixture: Not classified

LD50 (Dermal) of the mixture: Not classified

LC50 (Inhalation) of the mixture: Not classified

Component information;

chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
ALCOHOL	13700mg/kg	LD ₀ =20000mg/kg	66280ppmV
ISOPROPYL ALCOHOL	5,500 mg/kg	12,870 mg/kg	68.5 mg/L, 48hr
PHENOXYETHANOL	1260mg/kg	2250mg/kg	176.5mg/L

SKIN CORROSION / IRRITATION: Not classified

SERIOUS EYE DAMAGE / IRRITATION: Not classified

RESPIRATORY OR SKIN SENSITIZATION: Not classified

GERM CELL MUTAGENICITY: Not classified

CARCINOGENICITY: Not classified

REPRODUCTIVE TOXICITY: Not classified



STOT - SINGLE EXPOSURE: Not classified

STOT - REPEATED EXPOSURE: Not classified

ASPIRATION HAZARD: Not classified

SECTION 12. Ecological information

This product itself has not been tested. The following results have been associated with some of its ingredients.

Toxicity

Chemical name	Acute and prolonged toxicity to fish	acute toxicity to aquatic invertebrates	toxicity to aquatic plants
ALCOHOL	LC ₅₀ =11200ppm,96hr	EC ₅₀ =5463mg/L,48hr	EC ₅₀ =1000mg/L, 96hr
PHENOXYETHANOL	LC ₅₀ = 344 mg/L, 96hr	EC ₅₀ = 488 mg/L, 48hr	EC ₅₀ > 500 mg/L, 72hr

SECTION 13. Disposal considerations

Waste treatment methods

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14. Transport information

ADR / RID: Not classified dangerous goods

MDG: Not classified dangerous goods

IATA: Not classified dangerous goods

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

SECTION 16. Other information

Issuing Date: 7th July, 2020

Version: 2nd

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-Nothing Follows-



SAFETY DATA SHEET

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 004767

Product Name: MILBON WAVE ENHANCING MOUSSE 4

Chemical Family: Mixture

Intended use: hair styling, cosmetics

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka, Japan

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication:

Flammable aerosols - category 1

Label elements

Hazard pictograms:



Signal words: DANGER

Hazard statements:

H220 Extremely flammable gas

Precautionary statements:

P210 Keep away from heat, hot surface, sparks, open flames and other ignition sources. - No smoking.

P377 Leaking gas fire: Do not extinguish, unless leak can be stopped safely.

P381 In case of leakage, eliminate all ignition sources.

P403 Store in a well-ventilated place.



General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	CAS number	%
BUTANE	106-97-8	< 3%
ISOBUTANE	75-28-5	< 1%
PHENOXYETHANOL	122-99-6	< 1%

Ingredient List:

WATER, PETROLEUM DISTILLATES, BEESWAX, MYRISTIC ACID, C14-18 ALKYL ETHYLHEXANOATE, DIMER DILINOLEYL DIISOSTEARATE, ISOSTEARIC ACID, BUTYROSPERMUM PARKII (SHEA) BUTTER, AMP-ACRYLATES/C1-18 ALKYL ACRYLATE/C1-8 ALKYL ACRYLAMIDE COPOLYMER, ISOSTEAROYL HYDROLYZED SILK, CETETH-30, PEG-60 HYDROGENATED CASTOR OIL, PROPANEDIOL, CETYL LACTATE, MYRISTYL ALCOHOL, PEG-4, PEG-20, HYDROXYETHYLCELLULOSE, SODIUM LAURETH SULFATE, SODIUM LAURYL SULFATE, POLYSORBATE 20, CYCLOPENTASILOXANE, DIMETHICONOL, SODIUM SULFATE, PROPYLENE GLYCOL, ALCOHOL, AMINOMETHYL PROPANOL, PHENOXYETHANOL, FRAGRANCE

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Remove victim to fresh air. Get medical advice/attention immediately if the person feels unwell.

SECTION 5. Firefighting measures

Flash point: Not available.

Extinguishing media: Use chemical foam, dry chemical, carbon dioxide, water.

Firefighting Instructions: Contact emergency personnel. Use self-contained breathing apparatus and full protective gear.

Specific hazards: Extremely flammable aerosol. When heated, a pressure will increase and products may burst.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.



Methods and material for containment and cleaning up

Collect the leaked product and place it in containers for disposal. Scrub the area with detergent.

SECTION 7. Handling and storage

Precautions for safe handling

Ensure good ventilation at the workplace. External use only. Do not expose to heat and flame. Do not puncture or incinerate container. Use only as directed. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Conditions for safe storage, including any incompatibilities

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 120° F (~50° C). Store in places far from rain and humidity; never store outdoors.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

INCI NAME	CAS No	Exposure Limit
BUTANE	106-97-8	ACGIH TLV TWA: 1000ppm

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

HAND PROTECTION: None required for product use.

SKIN PROTECTION: None required for product use.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: Respiratory protection is not required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Foam
Color	White
Odor	Characteristics
pH	4.5 – 5.0
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not available



Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Partially Soluble
Partition coefficient:	Not available
auto-ignition temperature	Not available
Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available

Conditions to avoid: Heat and sunlight.

Incompatible materials: Information not available

Hazardous decomposition products: Information not available

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Information on toxicological effects

Information on likely routes of exposure.

SKIN: Prolonged exposure may cause skin irritation

EYE: May cause eye irritation.

INGESTION: May be harmful if swallowed.

INHALATION: May be harmful if inhaled.

ACUTE TOXICITY:

Products;

LD₅₀ (Oral) of the mixture: Not classified

LD₅₀ (Dermal) of the mixture: Not classified

LC₅₀ (Inhalation) of the mixture: Not classified

Component information;

chemical name	CAS-No	LD ₅₀ Oral	LD ₅₀ Dermal	LC ₅₀ Inhalation
BUTANE	106-97-8			277374ppm, 4hr



PHENOXYETHANOL	122-99-6	1260mg/kg	2250mg/kg	176.5mg/L
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SKIN CORROSION / IRRITATION: Not classified.

SERIOUS EYE DAMAGE / IRRITATION: Not classified.

RESPIRATORY OR SKIN SENSITIZATION: Not classified.

GERM CELL MUTAGENICITY: Not classified.

CARCINOGENICITY: Not classified.

REPRODUCTIVE TOXICITY: Not classified.

STOT - SINGLE EXPOSURE: Not classified.

STOT - REPEATED EXPOSURE: Not classified.

ASPIRATION HAZARD: Not classified.

SECTION 12. Ecological information

No information is available.

SECTION 13. Disposal considerations

Waste treatment methods

Use all contents before disposal.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14. Transport information

IATA (Air): UN1950: Aerosols, Class 2.1

In consumer packaging: limited quantity, ID 8000, Consumer commodity Class 9

IMDG (Sea): UN 1950: Aerosols, Class 2.1

ADR/RID (Ground): UN1950: Aerosols, Class 2

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

SECTION 16. Other information

Issuing Date: 23th September, 2020

Version: 2nd

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-Nothing Follows-



SAFETY DATA SHEET

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 004764

Product Name: MILBON WET SHINE GEL CREAM 5

Chemical Family: Mixture

Intended use: Hair styling, cosmetics

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication: Not applicable

Label elements

Hazard pictograms: Not applicable

Signal wards: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	Chemical name	CAS number	%
ALCOHOL	ethanol	64-17-5	< 0.5%



PHENOXYETHANOL	2-phenoxyethanol	122-99-6	< 0.6%
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Ingredient List;

WATER, MINERAL OIL, BUTYLENE GLYCOL, BUTYROSPERMUM PARKII (SHEA) OIL, BUTYROSPERMUM PARKII (SHEA) BUTTER, EUPHORBIA CERIFERA (CANDELILLA) WAX, SQUALANE, ROSA CENTIFOLIA FLOWER WATER, ISOSTEAROYL HYDROLYZED SILK, ISOSTEARIC ACID, PEG-14M, AMP-ACRYLATES/DIACETONEACRYLAMIDE COPOLYMER, HYDROXYETHYL ACRYLATE/METHOXYETHYL ACRYLATE COPOLYMER, ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER, AMP-ACRYLATES/C1-18 ALKYL ACRYLATE/C1-8 ALKYL ACRYLAMIDE COPOLYMER, CARBOMER, HYDROXYPROPYL STARCH PHOSPHATE, PEG-50 HYDROGENATED CASTOR OIL, PPG-4-CETETH-1, PPG-4-CETETH-20, PPG-8-CETETH-20, CETETH-10, PROPYLENE GLYCOL, ALCOHOL, AMINOMETHYL PROPANOL, DISODIUM EDTA, PHENOXYETHANOL, ETHYLPARABEN, FRAGRANCE

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. If irritation persists, get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Not applicable.

SECTION 5. Firefighting measures

Flash point: Not available.

Extinguishing media: Use chemical foam, dry chemical, carbon dioxide, water.

Firefighting Instructions: Contact emergency personnel. Use self-contained breathing apparatus and full protective gear.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Methods and material for containment and cleaning up

Stop leak. Wipe off spilled products. Clean the area with detergent.

Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

Precautions for safe handling



Avoid eye contact. External use only.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Store in cool and dry areas. Protect from heat and sunlight, avoid freezing, store in places far from rain and humidity; never store outdoors.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

INCI name	CAS number	Exposure Limit
ALCOHOL	64-17-5	TWA:1000ppm, STEL:1000ppm

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

HAND PROTECTION: None required for product use.

SKIN PROTECTION: Avoid prolonged contact with skin.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: None required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Gel
Color	White
Odor	Characteristic
pH	5.0 – 6.0
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Partially soluble
Partition coefficient:	Not available
auto-ignition temperature	Not available



Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available

Conditions to avoid: Heat and sunlight, extremely cold place

Incompatible materials: Information not available

Hazardous decomposition products: Information not available

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Information on toxicological effects

Information on likely routes of exposure.

SKIN: Prolonged exposure may cause skin irritation

EYE: May cause eye irritation

INGESTION: May be harmful if swallowed

ACUTE TOXICITY:

Products;

LD50 (Oral) of the mixture: Not classified

LD50 (Dermal) of the mixture: Not classified

LC50 (Inhalation) of the mixture: Not classified

Component information;

chemical name	LD ₅₀ Oral	LD ₅₀ Dermal	LC ₅₀ Inhalation
ALCOHOL	13,700mg/kg	LD ₀ =20,000mg/kg	66,280ppmV
PHENOXYETHANOL	1,260mg/kg	2,250mg/kg	176.5mg/L

SKIN CORROSION / IRRITATION: Not classified

SERIOUS EYE DAMAGE / IRRITATION: Not classified

RESPIRATORY OR SKIN SENSITIZATION: Not classified

GERM CELL MUTAGENICITY: Not classified

CARCINOGENICITY: Not classified

REPRODUCTIVE TOXICITY: Not classified

STOT - SINGLE EXPOSURE: Not classified

STOT - REPEATED EXPOSURE: Not classified



ASPIRATION HAZARD: Not classified

SECTION 12. Ecological information

This product itself has not been tested. The following results have been associated with some of its ingredients.

Toxicity

Chemical name	Acute and prolonged toxicity to fish	acute toxicity to aquatic invertebrates	toxicity to aquatic plants
ALCOHOL	LC ₅₀ =11200ppm,96hr	EC ₅₀ =5463mg/L,48hr	EC ₅₀ =1000mg/L, 96hr
PHENOXYETHANOL	LC ₅₀ = 344 mg/L, 96hr	EC ₅₀ = 488 mg/L, 48hr	EC ₅₀ > 500 mg/L, 72hr

SECTION 13. Disposal considerations

Waste treatment methods

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14. Transport information

ADR / RID: Not classified dangerous goods

MDG: Not classified dangerous goods

IATA: Not classified dangerous goods

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

SECTION 16. Other information

Issuing Date: 7th July, 2020

Version: 2nd

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-Nothing Follows-



SAFETY DATA SHEET

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 004765

Product Name: MILBON WET SHINE GEL CREAM 8

Chemical Family: Mixture

Intended use: Hair styling, cosmetics

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication: Not applicable

Label elements

Hazard pictograms: Not applicable

Signal wards: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	Chemical name	CAS number	%
ALCOHOL	ethanol	64-17-5	< 1.5%



PHENOXYETHANOL	2-phenoxyethanol	122-99-6	< 0.6%
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Ingredient List;

WATER, PROPYLENE GLYCOL, EUPHORBIA CERIFERA (CANDELILLA) WAX, AMP-ACRYLATES/DIACETONEACRYLAMIDE COPOLYMER, PPG-8-CETETH-20, ALCOHOL, CARBOMER, SQUALANE, ROSA CENTIFOLIA FLOWER WATER, ISOSTEAROYL HYDROLYZED SILK, ISOSTEARIC ACID, HYDROXYETHYL ACRYLATE/METHOXYETHYL ACRYLATE COPOLYMER, AMP-ACRYLATES/C1-18 ALKYL ACRYLATE/C1-8 ALKYL ACRYLAMIDE COPOLYMER, PPG-4-CETETH-20, CETETH-10, AMINOMETHYL PROPANOL, DISODIUM EDTA, PHENOXYETHANOL, ETHYLPARABEN, FRAGRANCE

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. If irritation persists, get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Not applicable.

SECTION 5. Firefighting measures

Flash point: Not available.

Extinguishing media: Use chemical foam, dry chemical, carbon dioxide, water.

Firefighting Instructions: Contact emergency personnel. Use self-contained breathing apparatus and full protective gear.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Methods and material for containment and cleaning up

Stop leak. Wipe off spilled products. Clean the area with detergent.

Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

Precautions for safe handling

Avoid eye contact. External use only.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Store in cool and dry areas. Protect from heat and sunlight, avoid freezing, store



in places far from rain and humidity; never store outdoors.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

INCI name	CAS number	Exposure Limit
ALCOHOL	64-17-5	TWA:1000ppm, STEL:1000ppm

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

HAND PROTECTION: None required for product use.

SKIN PROTECTION: Avoid prolonged contact with skin.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: None required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Gel
Color	Yellowish White
Odor	Characteristic
pH	6.0 – 7.0
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Partially soluble
Partition coefficient:	Not available
auto-ignition temperature	Not available
Decomposition temperature	Not available
Explosive properties	Not available



Oxidizing properties

Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available

Conditions to avoid: Heat and sunlight, extremely cold place

Incompatible materials: Information not available

Hazardous decomposition products: Information not available

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Information on toxicological effects

Information on likely routes of exposure.

SKIN: Prolonged exposure may cause skin irritation

EYE: May cause eye irritation

INGESTION: May be harmful if swallowed

ACUTE TOXICITY:

Products;

LD50 (Oral) of the mixture: Not classified

LD50 (Dermal) of the mixture: Not classified

LC50 (Inhalation) of the mixture: Not classified

Component information;

chemical name	LD ₅₀ Oral	LD ₅₀ Dermal	LC ₅₀ Inhalation
ALCOHOL	13700mg/kg	LD ₀ =20000mg/kg	66280ppmV
PHENOXYETHANOL	1260mg/kg	2250mg/kg	176.5mg/L

SKIN CORROSION / IRRITATION: Not classified

SERIOUS EYE DAMAGE / IRRITATION: Not classified

RESPIRATORY OR SKIN SENSITIZATION: Not classified

GERM CELL MUTAGENICITY: Not classified

CARCINOGENICITY: Not classified

REPRODUCTIVE TOXICITY: Not classified

STOT - SINGLE EXPOSURE: Not classified

STOT - REPEATED EXPOSURE: Not classified

ASPIRATION HAZARD: Not classified



SECTION 12. Ecological information

This product itself has not been tested. The following results have been associated with some of its ingredients.

Toxicity

Chemical name	Acute and prolonged toxicity to fish	acute toxicity to aquatic invertebrates	toxicity to aquatic plants
ALCOHOL	LC ₅₀ =11200ppm,96hr	EC ₅₀ =5463mg/L,48hr	EC ₅₀ =1000mg/L, 96hr
PHENOXYETHANOL	LC ₅₀ = 344 mg/L, 96hr	EC ₅₀ = 488 mg/L, 48hr	EC ₅₀ > 500 mg/L, 72hr

SECTION 13. Disposal considerations

Waste treatment methods

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14. Transport information

ADR / RID: Not classified dangerous goods

MDG: Not classified dangerous goods

IATA: Not classified dangerous goods

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

SECTION 16. Other information

Issuing Date: 7th July, 2020

Version: 3rd

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-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON ANTI-FRIZZ NO.1
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacturer's Name: MILBON (THAILAND) CO., LTD.
 Manufacturer's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, DIMETHICONE, STEARYL ALCOHOL, CETYL ALCOHOL, CETETH-40, SORBETH-60 TETRAOLEATE, ETHYLHEXYL ISONONANOATE, STEARTRIMONIUM CHLORIDE, AMODIMETHICONE, HYDROGENATED POLYISOBUTENE, HYDROXYETHYLCELLULOSE, PHENOXYETHANOL, PROPYLENE GLYCOL, ISOPROPYL ALCOHOL, AMINOPROPYL DIMETHICONE, FRAGRANCE, BEHENTRIMONIUM CHLORIDE, DIPROPYLENE GLYCOL, LACTIC ACID, CETRIMONIUM CHLORIDE, TRIDECETH-3, TRIDECETH-15, TREHALOSE, SODIUM LAUROYL LACTYLATE, BUTYLENE GLYCOL, ISOSTEARIC ACID, POLYGLYCERYL-10 MYRISTATE, GLYCERIN, CERAMIDE NG, CHOLESTEROL, CERAMIDE NP, PHYTOSPHINGOSINE, CERAMIDE AP, TOCOPHEROL, XANTHAN GUM, ISOSTEAROYL HYDROLYZED SILK, CARBOMER, CERAMIDE EOP

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 0.5%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.



- Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
- Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
- Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

- Flash Point (°C), Method: Not available
- Auto Ignition Temp. (°C): Not available
- Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

- Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

- Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
- Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

- Eye/Type: None required with normal use.
- Respiratory/Type: None required with normal use.
- Gloves/Type: None required with normal use.
- Clothing/Type: None required with normal use.
- Footwear/Type: None required with normal use.
- Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: White Cream
- Odor: Perfume Odor
- Viscosity: Not available
- pH: 3.5-4.5 (when manufactured)
- Gravity@25 °C: Not available
- Solubility in water: Miscible
- Pressurized Container: No
- Type Container: Plastic Pouch



SECTION 11 - REACTIVITY DATA

Stability:	Stable
Incompatibility:	Not available
Hazardous Decomposition:	Will not occur
Hazardous Polymerization:	Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	21 April, 2017
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON ANTI-FRIZZ NO.2
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: MILBON (THAILAND) CO., LTD.
 Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, POLYSORBATE 20, PROPYLENE GLYCOL, PHENOXYETHANOL, GLYCERIN, HYDROLYZED KERATIN, DIHYDROXYPROPYL ARGININE HCL, DIPROPYLENE GLYCOL, DISODIUM EDTA, FRAGRANCE, SODIUM LAUROYL SILK AMINO ACIDS, SODIUM PCA, COCAMIDOPROPYL BETAINE, BUTYLENE GLYCOL, SODIUM LACTATE, ARGININE, SODIUM DILAURAMIDOGLUTAMIDE LYSINE, ASPARTIC ACID, PCA, POLYQUATERNIUM-65, TREHALOSE, ISOSTEARIC ACID, GLYCINE, ALANINE, SERINE, VALINE, THREONINE, PROLINE, ISOLEUCINE, PHENYLALANINE, HISTIDINE, PHYTIC ACID, ISOSTEAROYL HYDROLYZED SILK, SILVER OXIDE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
—	—	—	—	—	—	—

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is



removed.

Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment
Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.
Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale Yellow Liquid
Odor: Perfume Odor
Viscosity: Not available
pH: 5.0-6.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Soluble
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable



Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 21 April, 2017
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON ANTI-FRIZZ NO.3
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: MILBON (THAILAND) CO., LTD.
 Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, DIMETHICONE, CETYL ALCOHOL, HYDROGENATED POLYISOBUTENE, ETHYLHEXYL ISONONANOATE, STEARTRIMONIUM CHLORIDE, GLYCERYL STEARATE SE, BEHENYL ALCOHOL, GUAR HYDROXYPROPYLTRIMONIUM CHLORIDE, AMODIMETHICONE, PROPYLENE GLYCOL, BEESWAX, ISOPROPYL ALCOHOL, FRAGRANCE, POLYSORBATE 20, DIPROPYLENE GLYCOL, SODIUM CHLORIDE, BUTYLENE GLYCOL, TREHALOSE, SODIUM LAUROYL LACTYLATE, ISOSTEARIC ACID, C10-40 ISOALKYLAMIDOPROPYLETHYLDIMONIUM ETHOSULFATE, POLYGLYCERYL-10 MYRISTATE, GLYCERIN, CERAMIDE NG, CHOLESTEROL, PHENOXYETHANOL, CERAMIDE NP, PHYTOSPHINGOSINE, CERAMIDE AP, XANTHAN GUM, ISOSTEAROYL HYDROLYZED SILK, CARBOMER, METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE, TOCOPHEROL, CERAMIDE EOP

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 0.5%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or



- other skin abnormalities, obtain Doctor's advice immediately.
- Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
- Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
- Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

- Flash Point (°C), Method: Not available
- Auto Ignition Temp. (°C): Not available
- Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

- Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

- Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
- Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

- Eye/Type: None required with normal use.
- Respiratory/Type: None required with normal use.
- Gloves/Type: None required with normal use.
- Clothing/Type: None required with normal use.
- Footwear/Type: None required with normal use.
- Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: White Cream
- Odor: Perfume Odor
- Viscosity: Not available
- pH: 4.2-5.2 (when manufactured)
- Gravity@25 °C: Not available
- Solubility in water: Miscible
- Pressurized Container: No
- Type Container: Plastic Pouch



SECTION 11 - REACTIVITY DATA

Stability:	Stable
Incompatibility:	Not available
Hazardous Decomposition:	Will not occur
Hazardous Polymerization:	Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	21 April, 2017
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON ANTI-FRIZZ NO.4
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: MILBON (THAILAND) CO., LTD.
 Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, DIMETHICONE, DIPROPYLENE GLYCOL, HYDROXYETHYLCELLULOSE, CETYL ALCOHOL, STEARTRIMONIUM CHLORIDE, BEHENTRIMONIUM METHOSULFATE, PHENOXYETHANOL, PROPYLENE GLYCOL, C10-40 ISOALKYLAMIDOPROPYLETHYLDIMONIUM ETHOSULFATE, FRAGRANCE, ISOPROPYL ALCOHOL, SODIUM LAUROYL LACTYLATE, BUTYLENE GLYCOL, ISOSTEARIC ACID, POLYGLYCERYL-10 MYRISTATE, GLYCERIN, CERAMIDE NG, CHOLESTEROL, CERAMIDE NP, PHYTOSPHINGOSINE, CERAMIDE AP, XANTHAN GUM, ISOSTEAROYL HYDROLYZED SILK, CARBOMER, TOCOPHEROL, CERAMIDE EOP

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 0.5%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is



removed.

Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment
Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.
Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 4.0-5.5 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube

SECTION 11 - REACTIVITY DATA

Stability: Stable



Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 21 April, 2017
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON BLOWOUT PRIMER COARSE HAIR
 Product Use: Cosmetics (Leave-in Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: Milbon Co., Ltd.
 Manufacture's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 – INGREDIENTS

WATER, CYCLOPENTASILOXANE, DIMETHICONE, DIPROPYLENE GLYCOL, C12-15 ALKYL BENZOATE, ALCOHOL, LAURETH-9, TAMARINDUS INDICA SEED GUM, STEARTRIMONIUM CHLORIDE, CETETH-150, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, HYDROLYZED ADANSONIA DIGITATA EXTRACT, CARBOXYMETHYL ALANYL DISULFIDE KERATIN, POLYQUATERNIUM-65, ADANSONIA DIGITATA SEED OIL, ARGANIA SPINOSA KERNEL OIL, HYDROLYZED COLLAGEN, ISOSTEARIC ACID, DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER, HYDROXYETHYLCELLULOSE, LAURYL BETAINE, QUATERNIUM-80, LAURETH-2, PEG-11 METHYL ETHER DIMETHICONE, AMINOPROPYL DIMETHICONE, AMINOETHYLAMINOPROPYL DIMETHICONE, DIMETHICONOL, PROPYLENE GLYCOL, BUTYLENE GLYCOL, AMINOMETHYL PROPANOL, PHENOXYETHANOL, LACTIC ACID, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	< 1.5%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.



- Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
- Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

- Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

- Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

- Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

- Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.
Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: White Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 3.5-5.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic bottle

SECTION 11 - REACTIVITY DATA

- Stability: Stable
Incompatibility: Not available



Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 8 February, 2016
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON BLOWOUT PRIMER FINE HAIR
 Product Use: Cosmetics (Leave-in Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: Milbon Co., Ltd.
 Manufacture's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

WATER, CYCLOPENTASILOXANE, DIMETHICONE, DIPROPYLENE GLYCOL, TAMARINDUS INDICA SEED GUM, STEARTRIMONIUM CHLORIDE, LAURETH-9, LAURETH-2, CETETH-150, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, HYDROLYZED ADANSONIA DIGITATA EXTRACT, CARBOXYMETHYL ALANYL DISULFIDE KERATIN, POLYQUATERNIUM-65, ADANSONIA DIGITATA SEED OIL, ARGANIA SPINOSA KERNEL OIL, CERAMIDE 2, CHOLESTEROL, DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER, HYDROXYETHYLCELLULOSE, POLYGLYCERYL-10 MYRISTATE, ISOSTEARIC ACID, LAURYL BETAINE, QUATERNIUM-80, PEG-11 METHYL ETHER DIMETHICONE, AMINOPROPYL DIMETHICONE, AMINOETHYLAMINOPROPYL DIMETHICONE, PROPYLENE GLYCOL, BUTYLENE GLYCOL, GLYCERIN, ALCOHOL, LACTIC ACID, AMINOMETHYL PROPANOL, TOCOPHEROL, PHENOXYETHANOL, C12-15 ALKYL BENZOATE, DIMETHICONOL, METHYLPARABEN, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	< 1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
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- Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

- Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

- Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

- Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

- Personal Protective Equipment
- Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.
- Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: White Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 3.5-5.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic bottle

SECTION 11 - REACTIVITY DATA

- Stability: Stable
Incompatibility: Not available



Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 8 February, 2016
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON CLEANSING SPA GEL CITRUS
 Product Use: Cosmetics (Scalp Shampoo)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, GLYCERIN, PEG-15 GLYCERYL STEARATE, HELIANTHUS ANNUUS (SUNFLOWER) SEED OIL, SQUALANE, ISOSTEAROYL HYDROLYZED SILK, SODIUM ACETYLATED HYALURONATE, HYDROLYZED HYALURONIC ACID, PEG-90M, MENTHYL PCA, MENTHOL, ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER, CARBOMER, DIOSPYROS KAKI FRUIT EXTRACT, DIHYDROXYPROPYL ARGININE HCL, DIPOTASSIUM GLYCYRRHIZATE, SODIUM CARBONATE, SODIUM BICARBONATE, ISOSTEARIC ACID, BUTYLENE GLYCOL, POTASSIUM HYDROXIDE, TOCOPHEROL, DISODIUM EDTA, CHLORAMINE T, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Potassium Hydroxide	1310-58-3		2 mg/m ³	2 mg/m ³		< 0.17%
Glycerin	56-81-5	15 mg/m ³	10 mg/m ³ (TWA)	10 mg/m ³	12600 mg/kg (Rat-Oral)	< 10%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is



removed.

Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Gel
Odor: Perfume Odor
Viscosity: Not available
pH: 5.1-7.1 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube

SECTION 11 - REACTIVITY DATA

Stability: Stable



Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 5 Apr., 2017
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

THIS INFORMATION AS MENTIONED HEREINABOVE IS GIVEN IN GOOD FAITH AND IS BASED ON TECHNICAL INFORMATION WHICH WE BELIEVE TO BE RELIABLE AND ACCURATE. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE.

Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON CLEANSING SPA GEL ROSE
 Product Use: Cosmetics (Scalp Shampoo)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, GLYCERIN, PEG-15 GLYCERYL STEARATE, HELIANTHUS ANNUUS (SUNFLOWER) SEED OIL, SQUALANE, ISOSTEAROYL HYDROLYZED SILK, SODIUM ACETYLATED HYALURONATE, HYDROLYZED HYALURONIC ACID, PEG-90M, MENTHYL PCA, MENTHOL, ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER, CARBOMER, DIOSPYROS KAKI FRUIT EXTRACT, DIHYDROXYPROPYL ARGININE HCL, DIPOTASSIUM GLYCYRRHIZATE, SODIUM CARBONATE, SODIUM BICARBONATE, ISOSTEARIC ACID, BUTYLENE GLYCOL, POTASSIUM HYDROXIDE, TOCOPHEROL, DISODIUM EDTA, CHLORAMINE T, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Potassium Hydroxide	1310-58-3		2 mg/m ³	2 mg/m ³		< 0.17%
Glycerin	56-81-5	15 mg/m ³	10 mg/m ³ (TWA)	10 mg/m ³	12600 mg/kg (Rat-Oral)	< 10%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is



removed.

Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment
Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.
Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Gel
Odor: Perfume Odor
Viscosity: Not available
pH: 5.1-7.1 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube

SECTION 11 - REACTIVITY DATA

Stability: Stable



Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 5 Apr., 2017
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON CLEANSING SPA GEL VANILLA
 Product Use: Cosmetics (Scalp Shampoo)
 Chemical Family: Mixture
 Manufacture's Name: Milbon Co., Ltd.
 Manufacture's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, GLYCERIN, PEG-15 GLYCERYL STEARATE, HELIANTHUS ANNUUS (SUNFLOWER) SEED OIL, SQUALANE, ISOSTEAROYL HYDROLYZED SILK, SODIUM ACETYLATED HYALURONATE, HYDROLYZED HYALURONIC ACID, PEG-90M, MENTHYL PCA, MENTHOL, ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER, CARBOMER, DIOSPYROS KAKI FRUIT EXTRACT, DIHYDROXYPROPYL ARGININE HCL, DIPOTASSIUM GLYCYRRHIZATE, SODIUM CARBONATE, SODIUM BICARBONATE, ISOSTEARIC ACID, BUTYLENE GLYCOL, POTASSIUM HYDROXIDE, TOCOPHEROL, DISODIUM EDTA, CHLORAMINE T, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Potassium Hydroxide	1310-58-3		2 mg/m ³	2 mg/m ³		< 0.17%
Glycerin	56-81-5	15 mg/m ³	10 mg/m ³ (TWA)	10 mg/m ³	12600 mg/kg (Rat-Oral)	< 10%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is



removed.

Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Gel
Odor: Perfume Odor
Viscosity: Not available
pH: 5.1-7.1 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube

SECTION 11 - REACTIVITY DATA

Stability: Stable



Incompatibility: Not available
 Hazardous Decomposition: Will not occur
 Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
 Carcinogenicity: Ingredients are not listed as CMR substances.
 Mutagenicity: Ingredients are not listed as CMR substances.
 Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
 Accumulation: Not available
 Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
 IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 5 Apr., 2017
 Revision Number: 1st
 Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
 PEL Permissible Exposure Limit
 TWA Time Weighted Average
 STEL Short Term Exposure Limit
 ACGIH American Conference of Governmental Industrial Hygienists
 TLV Threshold Limit Value
 NIOSH National Institute for Occupational Safety and Health
 REL Recommended Exposure Limit
 LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON DEFRIZZING SHAMPOO
Product Use: Cosmetics (Shampoo)
Chemical Family: Mixture
Manufacturer's Name: Milbon Co., Ltd.
Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan
Distributor's Name: MILBON USA, Inc.
Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, SODIUM LAUROYL METHYLAMINOPROPIONATE, COCAMIDOPROPYL BETAINE, TEA-COCOYL GLUTAMATE, COCAMIDE METHYL MEA, DISODIUM COCOYL GLUTAMATE, DIPROPYLENE GLYCOL, PROPYLENE GLYCOL, ISOSTEAROYL HYDROLYZED SILK, POTASSIUM COCOYL HYDROLYZED COLLAGEN, PEG-150, ISOSTEARIC ACID, TETRASODIUM ETIDRONATE, SODIUM OLIVAMPHOACETATE, CITRIC ACID, COCAMIDE MEA, SODIUM COCOYL GLUTAMATE, PHENOXYETHANOL, POLYQUATERNIUM-10, PEG-7 GLYCERYL COCOATE, SODIUM BENZOATE, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration.



Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellowish clear liquid
Odor: Perfume Odor
Viscosity: Not available
pH: 5.5 - 7.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Soluble
Pressurized Container: No
Type Container: Plastic bottle, Aluminum Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION



Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	17 August, 2017
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON DEFRIZZING SHAMPOO
Product Use: Cosmetics (Shampoo)
Chemical Family: Mixture
Manufacturer's Name: Milbon Co., Ltd.
Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan
Distributor's Name: MILBON USA, Inc.
Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, SODIUM LAUROYL METHYLAMINOPROPIONATE, COCAMIDOPROPYL BETAINE, TEA-COCOYL GLUTAMATE, COCAMIDE METHYL MEA, DISODIUM COCOYL GLUTAMATE, DIPROPYLENE GLYCOL, PROPYLENE GLYCOL, ISOSTEAROYL HYDROLYZED SILK, POTASSIUM COCOYL HYDROLYZED COLLAGEN, PEG-150, ISOSTEARIC ACID, TETRASODIUM ETIDRONATE, CITRIC ACID, COCAMIDE MEA, SODIUM COCOYL GLUTAMATE, PHENOXYETHANOL, POLYQUATERNIUM-10, PEG-7 GLYCERYL COCOATE, SODIUM BENZOATE, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.



Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellowish clear liquid
Odor: Perfume Odor
Viscosity: Not available
pH: 5.5 - 7.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Soluble
Pressurized Container: No
Type Container: Plastic bottle, Aluminum Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test



Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 1st February 2019
Revision Number: 2nd
Prepared By: Central Research Institute, Milbon Co., Ltd.

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PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON DEFRIZZING TREATMENT
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: Milbon Co., Ltd.
 Manufacture's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, HYDROGENATED POLYISOBUTENE, CETYL ALCOHOL, DIPROPYLENE GLYCOL, DIMETHICONE, STEARTRIMONIUM CHLORIDE, CETEARYL ALCOHOL, PROPYLENE GLYCOL, C10-40 ISOALKYLAMIDOPROPYLETHYLDIMONIUM ETHOSULFATE, ISOSTEAROYL HYDROLYZED SILK, SIMMONDSIA CHINENSIS (JOJOBA) SEED OIL, AMINOPROPYL DIMETHICONE, AMODIMETHICONE, ISOSTEARIC ACID, PROPYLENE GLYCOL ISOSTEARATE, ISOPROPYL ALCOHOL, ALCOHOL, CITRIC ACID, SODIUM CITRATE, PCA ETHYL COCOYL ARGINATE, CHOLESTEROL, DICOCODIMONIUM CHLORIDE, CETETH-20, PHENOXYETHANOL, BEHENTRIMONIUM METHOSULFATE, POLYQUATERNIUM-10, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 1%
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	< 1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.



- Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
- Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
- Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

- Flash Point (°C), Method: Not available
- Auto Ignition Temp. (°C): Not available
- Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

- Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

- Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
- Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

- Personal Protective Equipment
- Eye/Type: None required with normal use.
- Respiratory/Type: None required with normal use.
- Gloves/Type: None required with normal use.
- Clothing/Type: None required with normal use.
- Footwear/Type: None required with normal use.
- Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: White Cream
- Odor: Perfume Odor
- Viscosity: Not available
- pH: 4.0 - 5.5 (when manufactured)
- Gravity@25 °C: Not available
- Solubility in water: Miscible
- Pressurized Container: No
- Type Container: Plastic Tube, Plastic Jar, Plastic Bottle, Aluminum Pouch



SECTION 11 - REACTIVITY DATA

Stability:	Stable
Incompatibility:	Not available
Hazardous Decomposition:	Will not occur
Hazardous Polymerization:	Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	17 August, 2017
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

THIS INFORMATION AS MENTIONED HEREINABOVE IS GIVEN IN GOOD FAITH AND IS BASED ON TECHNICAL INFORMATION WHICH WE BELIEVE TO BE RELIABLE AND ACCURATE. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE.

Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON HUMIDITY BLOCKING OIL
Product Use: Cosmetics (Leave-in Hair Treatment)
Chemical Family: Mixture
Manufacturer's Name: Milbon Co., Ltd.
Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan
Distributor's Name: MILBON USA, Inc.
Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

CYCLOPENTASILOXANE, DIMETHICONE, DIMETHICONOL, ARGANIA SPINOSA KERNEL OIL, ADANSONIA DIGITATA SEED OIL, SQUALANE, BUTYROSPERMUM PARKII (SHEA BUTTER) OIL, SIMMONDSIA CHINENSIS (JOJOBA) SEED OIL, ISOSTEAROYL HYDROLYZED SILK, MINERAL OIL, ISOSTEARIC ACID, TRISILOXANE, C12-15 ALKYL BENZOATE, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.



SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment
Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.
Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Liquid
Odor: Perfume Odor
Viscosity: Not available
pH: Not available
Gravity@25 °C: 0.95 - 0.97
Solubility in water: Insoluble
Pressurized Container: No
Type Container: Plastic Bottle

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.



SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 17 August, 2017
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON HYDRATING TREATMENT
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: Milbon Co., Ltd.
 Manufacture's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, CETYL ALCOHOL, GLYCERIN, STEARYL ALCOHOL, ISOSTEAROYL HYDROLYZED SILK, SODIUM ACETYLATED HYALURONATE, SODIUM HYALURONATE, MENTHYL PCA, PEG-14M, CAMELLIA SINENSIS LEAF EXTRACT, CALENDULA OFFICINALIS FLOWER EXTRACT, CITRUS AURANTIUM AMARA (BITTER ORANGE) PEEL EXTRACT, DIISOPROPYL ADIPATE, OCTYLDODECANOL, SQUALANE, PETROLATUM, DIPOTASSIUM GLYCYRRHIZATE, STEARTRIMONIUM CHLORIDE, CETRIMONIUM CHLORIDE, BEHENTRIMONIUM CHLORIDE, ISOSTEARIC ACID, LACTIC ACID, BUTYLENE GLYCOL, ISOPROPYL ALCOHOL, ALCOHOL, METHYLISOTHIAZOLINONE, METHYLCHLOROISOTHIAZOLINONE, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Glycerin Mist	56-81-5	15 mg/m ³	10 mg/m ³ (TWA)	10 mg/m ³	12600 mg/kg (Rat-Oral)	≤ 2 %
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TWA)	7060 mg/kg (Rat-Oral)	< 0.008%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.



- Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
- Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
- Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

- Flash Point (°C), Method: Not available
- Auto Ignition Temp. (°C): Not available
- Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

- Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

- Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
- Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

- Eye/Type: None required with normal use.
- Respiratory/Type: None required with normal use.
- Gloves/Type: None required with normal use.
- Clothing/Type: None required with normal use.
- Footwear/Type: None required with normal use.
- Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: White Cream
- Odor: Perfume Odor
- Viscosity: Not available
- pH: 3.7-5.7 (when manufactured)
- Gravity@25 °C: Not available
- Solubility in water: Miscible
- Pressurized Container: No
- Type Container: Plastic Tube, Plastic Bottle, Plastic Pouch



SECTION 11 - REACTIVITY DATA

Stability:	Stable
Incompatibility:	Not available
Hazardous Decomposition:	Will not occur
Hazardous Polymerization:	Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	5 Apr., 2017
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-





MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON LUMINOUS BODIFYING OIL
 Product Use: Cosmetics (Leave-in Hair Treatment)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

CYCLOPENTASILOXANE, DIMETHICONE, ADANSONIA DIGITATA SEED OIL, ARGANIA SPINOSA KERNEL OIL, ISOSTEAROYL HYDROLYZED SILK, ISOSTEAROYL HYDROLYZED COLLAGEN, SQUALANE, ISOSTEARIC ACID, MINERAL OIL, DIMETHICONOL, TOCOPHEROL, FRAGRANCE, CI 47000

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
-	-	-	-	-	-	-

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
 Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.



SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Liquid
Odor: Perfume Odor
Viscosity: Not available
pH: Not applicable
Gravity@25 °C: 0.95-0.97 (when manufactured)
Solubility in water: Insoluble
Pressurized Container: No
Type Container: Plastic Bottle

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.



Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 20 May, 2016
Revision Number: 2nd
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON LUMINOUS SOFTENING OIL
 Product Use: Cosmetics (Leave-in Hair Treatment)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

CYCLOPENTASILOXANE, DIMETHICONE, DIMETHICONOL, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, ADANSONIA DIGITATA SEED OIL, ARGANIA SPINOSA KERNEL OIL, ISOSTEARIC ACID, MINERAL OIL, C12-15 ALKYL BENZOATE, TOCOPHEROL, FRAGRANCE, CI 47000

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
-	-	-	-	-	-	-

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
 Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.



SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Liquid
Odor: Perfume Odor
Viscosity: Not available
pH: Not applicable
Gravity@25 °C: 0.95-0.97 (when manufactured)
Solubility in water: Insoluble
Pressurized Container: No
Type Container: Plastic Bottle

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.



Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 20 May, 2016
Revision Number: 2nd
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON MOISTURE NO.1
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

WATER, DIPROPYLENE GLYCOL, ALCOHOL, PEG-4, ISOSTEAROYL HYDROLYZED SILK, BIS-ETHOXYDIGLYCOL, CYCLOHEXANE 1,4-DICARBOXYLATE, ISOSTEARIC ACID, POLYSORBATE 20, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV) (TWA)	NIOSH (REL) (TWA)	LD ⁵⁰ (Rat-Oral)	Maximum Composition
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TWA)	7060 mg/kg (Rat-Oral)	< 6%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion, Inhalation
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: May cause irritation to respiratory system resulting in hoarseness and tightness of throat in case of prolonged exposure.

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
 Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if



symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Liquid
Odor: Perfume Odor
Viscosity: Not available
pH: 3.0 - 5.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Soluble
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.



Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 8 February, 2016
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON MOISTURE NO.2
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: MILBON (THAILAND) CO., LTD.
 Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 - INGREDIENTS

WATER, GLYCERIN, AMODIMETHICONE, ISOSTEAROYL HYDROLYZED SILK, HYDROXYPROPYLTRIMONIUM HYDROLYZED KERATIN, HYDROGENATED LECITHIN, PCA, SODIUM PCA, ASPARTIC ACID, ALANINE, ARGININE, ISOLEUCINE, GLYCINE, SERINE, THREONINE, VALINE, HISTIDINE, PHENYLALANINE, PROLINE, DIHYDROXYPROPYL ARGININE HCL, DIISOPROPYL ADIPATE, PHYTOSTERYL ISOSTEARATE, ISOSTEARIC ACID, DIETHYL SEBACATE, MINERAL OIL, SODIUM LACTATE, SODIUM TRIDECETH-4 CARBOXYLATE, DICOCODIMONIUM CHLORIDE, STEARTRIMONIUM CHLORIDE, CETRIMONIUM CHLORIDE, POLYGLYCERYL-10 LAURATE, PEG-60 HYDROGENATED CASTOR OIL, BUTYLENE GLYCOL, PHENOXYETHANOL

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
-	-	-	-	-	-	-

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If



vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration.
Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Liquid
Odor: Odorless or Slightly Characteristic Odor
Viscosity: Not available
pH: 6.0-8.4 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Soluble
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur



SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	9 February 2016,
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON MOISTURE NO.3 TREATMENT
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacturer's Name: MILBON (THAILAND) CO., LTD.
 Manufacturer's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 - INGREDIENTS

WATER, CETYL ALCOHOL, OLETH-2, AMODIMETHICONE, BUTYLENE GLYCOL, OCTYLDODECANOL, STEARTRIMONIUM CHLORIDE, SORBETH-60 TETRAOLEATE, DIMETHICONE, GLYCERYL STEARATE SE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, CERAMIDE 2, HYDROGENATED LECITHIN, SODIUM HYALURONATE, CHOLESTEROL, SODIUM PCA, ALANINE, ARGININE, GLYCINE, GLUTAMIC ACID, SERINE, THREONINE, PROLINE, BETAINE, LYSINE, SORBITOL, QUATERNIUM-33, TREHALOSE, BEHENYL ALCOHOL, ISOSTEARIC ACID, BEHENTRIMONIUM CHLORIDE, POLYGLYCERYL-10 MYRISTATE, LACTIC ACID, GLYCERIN, ISOPROPYL ALCOHOL, TOCOPHEROL, PHENOXYETHANOL, FRAGRANCE, CAMEL

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse



mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment
Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.
Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Brown Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 3.5-4.5 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur



SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	1 st February 2019
Revision Number:	2nd
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON MOISTURE NO.3
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacturer's Name: MILBON (THAILAND) CO., LTD.
 Manufacturer's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 - INGREDIENTS

WATER, CETYL ALCOHOL, OLETH-2, AMODIMETHICONE, BUTYLENE GLYCOL, OCTYLDODECANOL, STEARTRIMONIUM CHLORIDE, SORBETH-60 TETRAOLEATE, CYCLOPENTASILOXANE, GLYCERYL STEARATE SE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, CERAMIDE 2, HYDROGENATED LECITHIN, SODIUM HYALURONATE, CHOLESTEROL, SODIUM PCA, ALANINE, ARGININE, GLYCINE, GLUTAMIC ACID, SERINE, THREONINE, PROLINE, BETAINE, LYSINE, SORBITOL, QUATERNIUM-33, TREHALOSE, BEHENYL ALCOHOL, ISOSTEARIC ACID, BEHENTRIMONIUM CHLORIDE, POLYGLYCERYL-10 MYRISTATE, LACTIC ACID, GLYCERIN, ISOPROPYL ALCOHOL, TOCOPHEROL, PHENOXYETHANOL, FRAGRANCE, CAMEL

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse



mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment
Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.
Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Brown Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 3.5-4.5 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur



SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	9 February 2016,
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON MOISTURE NO.4
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacturer's Name: MILBON (THAILAND) CO., LTD.
 Manufacturer's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 - INGREDIENTS

WATER, GLYCERIN, BUTYLENE GLYCOL, ISOSTEAROYL HYDROLYZED SILK, GLYCERYLAMIDOETHYL METHACRYLATE/STEARYL METHACRYLATE COPOLYMER, PCA ETHYL COCOYL ARGINATE, ISOSTEARIC ACID, PHENOXYETHANOL

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
-	-	-	-	-	-	-

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion, Inhalation
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: May cause irritation to respiratory system resulting in hoarseness and tightness of throat in case of prolonged exposure.

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
 Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if



symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Slight Turbidity Liquid
Odor: Odorless or Slightly Characteristic Odor
Viscosity: Not available
pH: 4.0-5.5 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Soluble
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.



Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 9 February 2016,
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON MOISTURE NO.5
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: MILBON (THAILAND) CO., LTD.
 Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 - INGREDIENTS

WATER, CETYL ALCOHOL, DIMETHICONE, OLETH-2, BUTYLENE GLYCOL, OCTYLDODECANOL, HYDROGENATED POLYISOBUTENE, BEHENYL ALCOHOL, STEARTRIMONIUM CHLORIDE, GLYCERYL STEARATE SE, SORBETH-60 TETRAOLEATE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, AMPD-ISOSTEAROYL HYDROLYZED COLLAGEN, SODIUM HYALURONATE, HYDROGENATED LECITHIN, QUATERNIUM-33, ISOSTEARIC ACID, BEHENTRIMONIUM CHLORIDE, AMODIMETHICONE, ALCOHOL, ISOPROPYL ALCOHOL, METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 1%
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	< 1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is



rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to Pale Yellow Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 4.5-6.4 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur



Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 9 February 2016,
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON MOISTURE NO.6
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacturer's Name: MILBON (THAILAND) CO., LTD.
 Manufacturer's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 - INGREDIENTS

WATER, CETYL ALCOHOL, AMODIMETHICONE, OLETH-2, BUTYLENE GLYCOL, OCTYLDODECANOL, STEARTRIMONIUM CHLORIDE, DIMETHICONE, SORBETH-60 TETRAOLEATE, GLYCERYL STEARATE SE, HYDROGENATED POLYISOBUTENE, BEHENYL ALCOHOL, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, CERAMIDE 2, SODIUM HYALURONATE, HYDROGENATED LECITHIN, CHOLESTEROL, SODIUM PCA, ALANINE, ARGININE, GLYCINE, GLUTAMIC ACID, SERINE, THREONINE, PROLINE, BETAINE, LYSINE, SORBITOL, QUATERNIUM-33, TREHALOSE, ISOSTEARIC ACID, POLYGLYCERYL-10 MYRISTATE, BEHENTRIMONIUM CHLORIDE, LACTIC ACID, GLYCERIN, ISOPROPYL ALCOHOL, BHT, TOCOPHEROL, DISODIUM EDTA, PHENOXYETHANOL, FRAGRANCE, CAMEL

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 1%
Butylated Hydroxy Toluene	128-37-0	—	10 mg/m ³ (TWA)	10 mg/m ³ (TWA)	890 mg/kg (Rat-Oral)	< 0.2%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is



removed.

Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Brown Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 3.5-4.4 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube

SECTION 11 - REACTIVITY DATA

Stability: Stable



Incompatibility:	Not available
Hazardous Decomposition:	Will not occur
Hazardous Polymerization:	Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	9 February 2016,
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON MOLDING WAX 3
 Product Use: Cosmetics (Hair Styling)
 Chemical Family: Mixture
 Manufacture's Name: Milbon Co., Ltd.
 Manufacture's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

WATER, CETYL ETHYLHEXANOATE, EUPHORBIA CERIFERA (CANDELILLA) WAX, CETETH-20, STEARIC ACID, PROPYLENE GLYCOL, CETETH-6, STEARYL ALCOHOL, AMP-ACRYLATES/C1-18 ALKYL ACRYLATE/C1-8 ALKYL ACRYLAMIDE COPOLYMER, ISOSTEAROYL HYDROLYZED SILK, ISOSTEARIC ACID, ALCOHOL, CARBOMER, PEG-14M, PEG-12 DIMETHICONE, PEG-45 STEARATE, SODIUM PHOSPHATE, PHOSPHORIC ACID, AMINOMETHYL PROPANOL, ETIDRONIC ACID, PHENOXYETHANOL, METHYLPARABEN, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	< 1%
Phosphoric Acid	7664-38-2	1 mg/m3	3 mg/m3 (STEL)	3 mg/m3 (STEL)	1530 mg/kg (Rat-Oral)	< 0.2%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse



mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment
Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.
Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale Yellow Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 6.5-7.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur



SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	14 June, 2016
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON MOLDING WAX 5
 Product Use: Cosmetics (Hair Styling)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

WATER, MICROCRYSTALLINE WAX, CETYL ETHYLHEXANOATE, EUPHORBIA CERIFERA (CANDELILLA) WAX, CYCLOPENTASILOXANE, CETETH-20, STEARIC ACID, PROPYLENE GLYCOL, CETETH-6, ALCOHOL, STEARYL ALCOHOL, AMP-ACRYLATES/C1-18 ALKYL ACRYLATE/C1-8 ALKYL ACRYLAMIDE COPOLYMER, ISOSTEAROYL HYDROLYZED SILK, ISOSTEARIC ACID, KAOLIN, DIATOMACEOUS EARTH, CARBOMER, SODIUM PHOSPHATE, PEG-14M, PEG-12 DIMETHICONE, PEG-45 STEARATE, PHOSPHORIC ACID, AMINOMETHYL PROPANOL, ETIDRONIC ACID, PHENOXYETHANOL, METHYLPARABEN, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	< 1.5%
Silica (DIATOMACEOUS EARTH)	61790-53-2	80 mg/m ³	-	6 mg/m ³	-	< 0.6%
Kaolin	1332-58-7	15 mg/m ³	10 mg/m ³ (TWA)	-	-	< 0.6%
Phosphoric Acid	7664-38-2	1 mg/m ³	3 mg/m ³ (STEL)	3 mg/m ³ (STEL)	1530 mg/kg (Rat-Oral)	< 0.2%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or



- other skin abnormalities, obtain Doctor's advice immediately.
- Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
- Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
- Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

- Flash Point (°C), Method: Not available
- Auto Ignition Temp. (°C): Not available
- Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

- Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

- Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
- Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

- Eye/Type: None required with normal use.
- Respiratory/Type: None required with normal use.
- Gloves/Type: None required with normal use.
- Clothing/Type: None required with normal use.
- Footwear/Type: None required with normal use.
- Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Pale Yellow Cream
- Odor: Perfume Odor
- Viscosity: Not available
- pH: 6.5-6.9 (when manufactured)
- Gravity@25 °C: Not available
- Solubility in water: Miscible
- Pressurized Container: No
- Type Container: Plastic Tube



SECTION 11 - REACTIVITY DATA

Stability:	Stable
Incompatibility:	Not available
Hazardous Decomposition:	Will not occur
Hazardous Polymerization:	Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	14 June, 2016
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON MOLDING WAX 7
 Product Use: Cosmetics (Hair Styling)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

WATER, EUPHORBIA CERIFERA (CANDELILLA) WAX, CETYL ETHYLHEXANOATE, CYCLOPENTASILOXANE, MICROCRYSTALLINE WAX, CETETH-20, STEARIC ACID, PROPYLENE GLYCOL, CETETH-6, ALCOHOL, STEARYL ALCOHOL, AMP-ACRYLATES/C1-18 ALKYL ACRYLATE/C1-8 ALKYL ACRYLAMIDE COPOLYMER, ISOSTEAROYL HYDROLYZED SILK, ISOSTEARIC ACID, KAOLIN, CARBOMER, SODIUM PHOSPHATE, PEG-12 DIMETHICONE, PEG-45 STEARATE, PHOSPHORIC ACID, AMINOMETHYL PROPANOL, ETIDRONIC ACID, PHENOXYETHANOL, METHYLPARABEN, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	< 1.5%
Kaolin	1332-58-7	15 mg/m ³	10 mg/m ³ (TWA)	-	-	< 0.6%
Phosphoric Acid	7664-38-2	1 mg/m ³	3 mg/m ³ (STEL)	3 mg/m ³ (STEL)	1530 mg/kg (Rat-Oral)	< 0.2%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is



removed.

Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale Yellow Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 6.3-6.8 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube

SECTION 11 - REACTIVITY DATA

Stability: Stable



Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 14 June, 2016
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

THIS INFORMATION AS MENTIONED HEREINABOVE IS GIVEN IN GOOD FAITH AND IS BASED ON TECHNICAL INFORMATION WHICH WE BELIEVE TO BE RELIABLE AND ACCURATE. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE.

Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON PURIFYING GEL SHAMPOO
 Product Use: Cosmetics (Shampoo)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, SODIUM LAURETH SULFATE, PPG-2 COCAMIDE, LAURAMIDOPROPYL BETAINE, MYRISTAMIDOPROPYL BETAINE, ISOSTEAROYL HYDROLYZED SILK, HYDROLYZED HYALURONIC ACID, MENTHYL PCA, MENTHOL, POLYQUATERNIUM-10, POLYQUATERNIUM-52, SODIUM LAUROYL METHYLAMINOPROPIONATE, SODIUM LAURETH-11 CARBOXYLATE, LAURETH-16, DIHYDROXYPROPYL ARGININE HCL, DIOSPYROS KAKI FRUIT EXTRACT, SODIUM CARBONATE, SODIUM BICARBONATE, DIPOTASSIUM GLYCYRRHIZATE, ISOSTEARIC ACID, CITRIC ACID, BUTYLENE GLYCOL, POTASSIUM HYDROXIDE, BHT, DISODIUM EDTA, ETIDRONIC ACID, PENTASODIUM PENTETATE, CHLORAMINE T, METHYLISOTHIAZOLINONE, METHYLCHLOROISOTHIAZOLINONE, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Potassium Hydroxide	1310-58-3		2 mg/m ³	2 mg/m ³		≤ 0.01%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is



removed.

Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment
Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.
Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Solution
Odor: Perfume Odor
Viscosity: Not available
pH: 5.8-7.8 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube, Plastic Bottle, Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable



Incompatibility: Not available
 Hazardous Decomposition: Will not occur
 Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
 Carcinogenicity: Ingredients are not listed as CMR substances.
 Mutagenicity: Ingredients are not listed as CMR substances.
 Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
 Accumulation: Not available
 Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
 IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 5 Apr., 2017
 Revision Number: 1st
 Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
 PEL Permissible Exposure Limit
 TWA Time Weighted Average
 STEL Short Term Exposure Limit
 ACGIH American Conference of Governmental Industrial Hygienists
 TLV Threshold Limit Value
 NIOSH National Institute for Occupational Safety and Health
 REL Recommended Exposure Limit
 LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON REPAIR NO.1
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: MILBON (THAILAND) CO., LTD.
 Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, HYDROXYPROPYL STARCH PHOSPHATE, DIISOPROPYL ADIPATE, STEARYL ALCOHOL, BEHENTRIMONIUM CHLORIDE, PHENOXYETHANOL, CETYL PALMITATE, ISOPROPYL ALCOHOL, FRAGRANCE, SORBETH-60 TETRAOLEATE, DIHYDROXYPROPYL ARGININE HCL, ISOSTEARIC ACID, SODIUM HYALURONATE, LAURYL BETAINE, ISOSTEAROYL HYDROLYZED SILK, BUTYLENE GLYCOL, CARBOXYMETHYL ALANYL DISULFIDE KERATIN, AMINOMETHYL PROPANOL

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.



- Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
- Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

- Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

- Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

- Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

- Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.
Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: White Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 4.0-6.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

- Stability: Stable
Incompatibility: Not available



Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 21 April, 2017
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON REPAIR NO.2
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacturer's Name: MILBON (THAILAND) CO., LTD.
 Manufacturer's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, CETYL ALCOHOL, LANOLIN, DIMETHICONE, BEHENTRIMONIUM CHLORIDE, RICINUS COMMUNIS (CASTOR) SEED OIL, PROPANEDIOL, AMODIMETHICONE, PHENYL TRIMETHICONE, AMINOETHYLAMINOPROPYL DIMETHICONE, POLYSILICONE-14, ISOPROPYL ALCOHOL, FRAGRANCE, PHENOXYETHANOL, HYDROLYZED KERATIN, BEHENTRIMONIUM METHOSULFATE, C10-40 ISOALKYLAMIDOPROPYLETHYLDIMONIUM ETHOSULFATE, HYDROLYZED KERATIN PG-PROPYL METHYLSILANEDIOL, BUTYLENE GLYCOL, ISOSTEARIC ACID, POLYGLYCERYL-10 MYRISTATE, GLYCERIN, CERAMIDE NG, LAURYL BETAINE, ISOSTEAROYL HYDROLYZED SILK, CHOLESTEROL, CARBOXYMETHYL ALANYL DISULFIDE KERATIN, AMINOMETHYL PROPANOL, TOCOPHEROL

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.



- Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
- Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
- Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

- Flash Point (°C), Method: Not available
- Auto Ignition Temp. (°C): Not available
- Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

- Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

- Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
- Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

- Personal Protective Equipment
- Eye/Type: None required with normal use.
- Respiratory/Type: None required with normal use.
- Gloves/Type: None required with normal use.
- Clothing/Type: None required with normal use.
- Footwear/Type: None required with normal use.
- Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Yellowish White Cream
- Odor: Perfume Odor
- Viscosity: Not available
- pH: 6.5-8.5 (when manufactured)
- Gravity@25 °C: Not available
- Solubility in water: Miscible
- Pressurized Container: No
- Type Container: Plastic Pouch



SECTION 11 - REACTIVITY DATA

Stability:	Stable
Incompatibility:	Not available
Hazardous Decomposition:	Will not occur
Hazardous Polymerization:	Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	21 April, 2017
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON REPAIR NO.3
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: MILBON (THAILAND) CO., LTD.
 Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, CETYL ALCOHOL, AMODIMETHICONE, STEARYL ALCOHOL, STEARTRIMONIUM CHLORIDE, DIMETHICONE, ISOPROPYL ALCOHOL, FRAGRANCE, DICOCODIMONIUM CHLORIDE, AMINOMETHYL PROPANOL, ISOSTEARIC ACID, ARGININE, LAURYL BETAINE, ISOSTEAROYL HYDROLYZED SILK, BUTYLENE GLYCOL, PHENOXYETHANOL, CARBOXYMETHYL ALANYL DISULFIDE KERATIN

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is



rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 8.0-10.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur



Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 21 April, 2017
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON REPAIR NO.4 COARSE HAIR TREATMENT
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: MILBON (THAILAND) CO., LTD.
 Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 – INGREDIENTS

WATER, DIMETHICONE, CETYL ALCOHOL, STEARYL ALCOHOL, STEARTRIMONIUM CHLORIDE, LIMNANTHES ALBA (MEADOWFOAM) SEED OIL, OLEA EUROPAEA (OLIVE) FRUIT OIL, HYDROXYETHYLCELLULOSE, CARBOXYMETHYL ALANYL DISULFIDE KERATIN, ISOSTEAROYL HYDROLYZED SILK, POLY(TRIPEPTIDE-6), ISOSTEARIC ACID, LAURYL BETAINE, DICOCODIMONIUM CHLORIDE, AMODIMETHICONE, LACTIC ACID, BUTYLENE GLYCOL, ISOPROPYL ALCOHOL, TOCOPHEROL, AMINOMETHYL PROPANOL, ETHYLHEXYL METHOXYCINNAMATE, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse



mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 5.5-7.5 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur



SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	1 st February 2019
Revision Number:	2nd
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON REPAIR NO.4 COARSE HAIR
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacturer's Name: MILBON (THAILAND) CO., LTD.
 Manufacturer's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, CYCLOPENTASILOXANE, CETYL ALCOHOL, STEARYL ALCOHOL, STEARTRIMONIUM CHLORIDE, DIMETHICONE, AMODIMETHICONE, OLEA EUROPAEA (OLIVE) FRUIT OIL, ISOPROPYL ALCOHOL, PHENOXYETHANOL, FRAGRANCE, LIMNANTHES ALBA (MEADOWFOAM) SEED OIL, DICOCODIMONIUM CHLORIDE, TOCOPHEROL, ISOSTEARIC ACID, LACTIC ACID, HYDROXYETHYLCELLULOSE, ETHYLHEXYL METHOXYCINNAMATE, LAURYL BETAINE, ISOSTEAROYL HYDROLYZED SILK, BUTYLENE GLYCOL, CARBOXYMETHYLALANYL DISULFIDE KERATIN, AMINOMETHYL PROPANOL, POLY(TRIPEPTIDE-6)

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is



removed.

Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 5.5-7.5 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable



Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 21 April, 2017
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON REPAIR NO.4 FINE HAIR
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: MILBON (THAILAND) CO., LTD.
 Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, DIMETHICONE, PROPANEDIOL, HYDROXYETHYLCELLULOSE, STEARTRIMONIUM CHLORIDE, CETYL ALCOHOL, PHENOXYETHANOL, ETHYLHEXYL ISONONANOATE, FRAGRANCE, ISOPROPYL ALCOHOL, BEHENTRIMONIUM METHOSULFATE, DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER, C10-40 ISOALKYLAMIDOPROPYLETHYLDIMONIUM ETHOSULFATE, ISOSTEARIC ACID, LAURYL BETAINE, ISOSTEAROYL HYDROLYZED SILK, BUTYLENE GLYCOL, CARBOXYMETHYL ALANYL DISULFIDE KERATIN, AMINOMETHYL PROPANOL

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is



removed.

Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 4.0-6.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable



Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 21 April, 2017
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON REPAIR NO.5 COARSE HAIR
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: MILBON (THAILAND) CO., LTD.
 Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, CETYL ALCOHOL, AMODIMETHICONE, OLETH-2, PROPANEDIOL, OCTYLDODECANOL, STEARTRIMONIUM CHLORIDE, DIMETHICONE, SORBETH-60 TETRAOLEATE, GLYCERYL STEARATE SE, HYDROGENATED POLYISOBUTENE, BEHENYL ALCOHOL, ISOPROPYL ALCOHOL, TREHALOSE, LACTIC ACID, PHENOXYETHANOL, FRAGRANCE, BEHENTRIMONIUM CHLORIDE, HYDROXYETHYLCELLULOSE, BHT, SODIUM PCA, SODIUM LACTATE, HYDROGENATED LECITHIN, DISODIUM EDTA, ARGININE, C10-40 ISOALKYLAMIDOPROPYLETHYLDIMONIUM ETHOSULFATE, ASPARTIC ACID, PCA, BUTYLENE GLYCOL, SODIUM HYALURONATE, CAMEL, ISOSTEARIC ACID, GLYCINE, ALANINE, SERINE, VALINE, THREONINE, PROLINE, ISOLEUCINE, PHENYLALANINE, HISTIDINE, LAURYL BETAINE, ISOSTEAROYL HYDROLYZED SILK, CARBOXYMETHYL ALANYL DISULFIDE KERATIN, AMINOMETHYL PROPANOL

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 1%
Butylated Hydroxy Toluene	128-37-0	—	10 mg/m3 (TWA)	10 mg/m3 (TWA)	890 mg/kg (Rat-Oral)	< 0.1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm,



gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.

Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.

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Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellowish White Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 3.0-5.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No



Type Container Plastic Tube

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 21 April, 2017
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON REPAIR NO.5 FINE HAIR
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: MILBON (THAILAND) CO., LTD.
 Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

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SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 1%
Butylated Hydroxy Toluene	128-37-0	—	10 mg/m3 (TWA)	10 mg/m3 (TWA)	890 mg/kg (Rat-Oral)	< 0.1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm,



gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.

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Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellowish White Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 3.0-5.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No



Type Container

Plastic Tube

SECTION 11 - REACTIVITY DATA

Stability:	Stable
Incompatibility:	Not available
Hazardous Decomposition:	Will not occur
Hazardous Polymerization:	Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	21 April, 2017
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON REPLENISHING SHAMPOO
 Product Use: Cosmetics (Shampoo)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

WATER, SODIUM LAURETH-11 CARBOXYLATE, SODIUM LAURETH SULFATE, COCAMIDE METHYL MEA, SODIUM COCOAMPHOACETATE, LAURAMIDOPROPYL BETAINE, PPG-17, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, PEG-30 SOY STEROL, GLYCYRRHIZA GLABRA (LICORICE) ROOT EXTRACT, ISOSTEARIC ACID, STYRENE/VP COPOLYMER, JOJOBA WAX PEG-80 ESTERS, PEG-40 HYDROGENATED CASTOR OIL PCA ISOSTEARATE, POLYQUATERNIUM-10, POLYQUATERNIUM-52, COCAMIDOPROPYL BETAINE, CETEARETH-7, CETEARETH-13, LAURETH-16, DIPOTASSIUM GLYCYRRHIZATE, DISODIUM SUCCINOYL GLYCYRRHETINATE, AMODIMETHICONE, SODIUM ACETATE, CITRIC ACID, ACETIC ACID, GLYCERIN, ALCOHOL, SODIUM HYDROXIDE, METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE, FRAGRANCE, CARTHAMUS TINCTORIUS (SAFFLOWER) FLOWER EXTRACT

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TWA)	7060 mg/kg (Rat-Oral)	< 1%
Acetic Acid	64-19-7	10 ppm	15 ppm (STEL)	15 ppm (STEL)		<0.1%
Sodium Hydroxide	1310-73-2	2 mg/m ³	2 mg/m ³	2 mg/m ³	500 mg/kg (Rabbit-Oral)	<0.1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not Applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or



- other skin abnormalities, obtain Doctor's advice immediately.
- Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
- Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
- Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

- Flash Point (°C), Method: Not available
- Auto Ignition Temp. (°C): Not available
- Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

- Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

- Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
- Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

- Eye/Type: None required with normal use.
- Respiratory/Type: None required with normal use.
- Gloves/Type: None required with normal use.
- Clothing/Type: None required with normal use.
- Footwear/Type: None required with normal use.
- Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Yellowish White Liquid
- Odor: Perfume Odor
- Viscosity: Not available
- pH: 4.5 - 5.5 (when manufactured)
- Gravity@25 °C: Not available
- Solubility in water: Soluble
- Pressurized Container: No
- Type Container: Plastic Bottle, Aluminum Pouch



SECTION 11 - REACTIVITY DATA

Stability:	Stable
Incompatibility:	Not available
Hazardous Decomposition:	Will not occur
Hazardous Polymerization:	Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	4 February, 2016
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

THIS INFORMATION AS MENTIONED HEREINABOVE IS GIVEN IN GOOD FAITH AND IS BASED ON TECHNICAL INFORMATION WHICH WE BELIEVE TO BE RELIABLE AND ACCURATE. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE.

Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON REPLENISHING TREATMENT
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 – INGREDIENTS

WATER, CETYL ALCOHOL, DIMETHICONE, STEARYL ALCOHOL, PENTAERYTHRITYL TETRAETHYLHEXANOATE, STEARTRIMONIUM CHLORIDE, DISTEARYLDIMONIUM CHLORIDE, ROSA CANINA FRUIT OIL, AMODIMETHICONE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, GLYCERYLAMIDOETHYL METHACRYLATE/STEARYL METHACRYLATE COPOLYMER, SAXIFRAGA SARMENTOSA EXTRACT, CHOLESTERYL LANOLATE, ISOSTEARIC ACID, QUATERNIUM-33, DICOCODIMONIUM CHLORIDE, AMINOETHYLAMINOPROPYL DIMETHICONE, BUTYLENE GLYCOL, GLYCERIN, ISOPROPYL ALCOHOL, BHT, ETIDRONIC ACID, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 1%
Butylated Hydroxy Toluene	128-37-0	—	10 mg/m ³ (TWA)	10 mg/m ³ (TWA)	890 mg/kg (Rat-Oral)	< 0.1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is



rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to Pale Yellowish Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 4.0-5.5 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube, Plastic Bottle, Aluminum Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur



Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 8 February 2016,
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

THIS INFORMATION AS MENTIONED HEREINABOVE IS GIVEN IN GOOD FAITH AND IS BASED ON TECHNICAL INFORMATION WHICH WE BELIEVE TO BE RELIABLE AND ACCURATE. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE.

Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON RESTRATIVE SHAMPOO
 Product Use: Cosmetics (Shampoo)
 Chemical Family: Mixture
 Manufacture's Name: Milbon Co., Ltd.
 Manufacture's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, SODIUM LAURETH SULFATE, DIPROPYLENE GLYCOL, ISOSTEARAMIDOPROPYL BETAINE, SODIUM C14-16 OLEFIN SULFONATE, SODIUM LAURETH-6 CARBOXYLATE, COCAMIDOPROPYL BETAINE, COCAMIDE METHYL MEA, GLYCOL DISTEARATE, POLIANTHES TUBEROSA POLYSACCHARIDE, CARBOXYMETHYL ALANYL DISULFIDE KERATIN, POTASSIUM COCOYL HYDROLYZED KERATIN, ISOSTEAROYL HYDROLYZED SILK, SAXIFRAGA SARMENTOSA EXTRACT, DIHEXYLDECYL LAUROYL GLUTAMATE, PHYTOSTERYL/OCTYLDODECYL LAUROYL GLUTAMATE, HYDROGENATED LECITHIN, POLYQUATERNIUM-10, POLYQUATERNIUM-51, POLYQUATERNIUM-52, ISOSTEARIC ACID, LAURYL BETAINE, SODIUM LAUROYL ASPARTATE, SODIUM COCOYL ISETHIONATE, PCA ETHYL COCOYL ARGINATE, PEG-40 HYDROGENATED CASTOR OIL PCA ISOSTEARATE, LAURETH-16, POLYGLYCERYL-10 LAURATE, DIPOTASSIUM GLYCYRRHIZATE, DISODIUM SUCCINOYL GLYCYRRHETINATE, SODIUM CHLORIDE, MALIC ACID, GLYCERIN, BUTYLENE GLYCOL, ALCOHOL, POTASSIUM HYDROXIDE, AMINOMETHYL PROPANOL, PHENOXYETHANOL, METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Potassium Hydroxide	1310-58-3		2 mg/m3	2 mg/m3		< 0.1%
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	< 0.1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm,



gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.

Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.

Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Pearly Liquid
Odor: Perfume Odor
Viscosity: Not available
pH: 6.0 - 7.5 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Soluble
Pressurized Container: No
Type Container: Plastic Bottle, Plastic Bottle, Aluminum Pouch



SECTION 11 - REACTIVITY DATA

Stability:	Stable
Incompatibility:	Not available
Hazardous Decomposition:	Will not occur
Hazardous Polymerization:	Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	17 August, 2017
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON RESTRATIVE TREATMENT
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: Milbon Co., Ltd.
 Manufacture's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, CETYL ALCOHOL, DIMETHICONE, BEHENTRIMONIUM CHLORIDE, PROPYLENE GLYCOL, AMODIMETHICONE, STEARYL ALCOHOL, OLEA EUROPAEA (OLIVE) FRUIT OIL, CHOLESTERYL LANOLATE, ISOSTEAROYL HYDROLYZED SILK, HYDROXYETHYLCELLULOSE, CARBOXYMETHYL ALANYL DISULFIDE KERATIN, LAURDIMONIUM HYDROXYPROPYL HYDROLYZED KERATIN, ISOSTEARIC ACID, LAURYL BETAINE, STEARTRIMONIUM CHLORIDE, DISTEARYLDIMONIUM CHLORIDE, DICOCODIMONIUM CHLORIDE, BUTYLENE GLYCOL, ISOPROPYL ALCOHOL, ALCOHOL, AMINOMETHYL PROPANOL, ETIDRONIC ACID, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 1%
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	< 0.1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently



flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.

Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 6.5 - 7.5 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube, Plastic Bottle, Aluminum Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable



Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 17 August, 2017
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTH NO.1 COARSE HAIR
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacturer's Name: MILBON (THAILAND) CO., LTD.
 Manufacturer's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 - INGREDIENTS

WATER, AMODIMETHICONE, CETYL ALCOHOL, STEARYL ALCOHOL, STEARTRIMONIUM CHLORIDE, DIMETHICONE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, OLEA EUROPAEA (OLIVE) FRUIT OIL, ARGININE, ISOSTEARIC ACID, PETROLATUM, PEG-45M, DICOCODIMONIUM CHLORIDE, ISOPROPYL ALCOHOL, AMINOMETHYL PROPANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 0.5%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.



Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 7.4-10.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test



Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 9 February 2016,
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTH NO.1 FINE HAIR
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: MILBON (THAILAND) CO., LTD.
 Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 - INGREDIENTS

WATER, AMODIMETHICONE, CETYL ALCOHOL, STEARYL ALCOHOL, STEARTRIMONIUM CHLORIDE, DIMETHICONE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, ARGININE, ISOSTEARIC ACID, CETYL-PG HYDROXYETHYL PALMITAMIDE, DICOCODIMONIUM CHLORIDE, LAURETH-5, ISOPROPYL ALCOHOL, AMINOMETHYL PROPANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 0.5%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.



Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 7.4-10.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test



Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 9 February 2016,
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTH NO.1 MEDIUM HAIR
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: MILBON (THAILAND) CO., LTD.
 Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 - INGREDIENTS

WATER, AMODIMETHICONE, CETYL ALCOHOL, STEARYL ALCOHOL, STEARTRIMONIUM CHLORIDE, DIMETHICONE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, ISOSTEARIC ACID, HYDROLYZED COLLAGEN, POLIANTHES TUBEROSA POLYSACCHARIDE, ARGININE, DICOCODIMONIUM CHLORIDE, ISOPROPYL ALCOHOL, ALCOHOL, AMINOMETHYL PROPANOL, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 0.5%
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	< 0.1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If



vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration.
Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 7.4-10.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur



SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	9 February 2016,
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTH NO.2
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacturer's Name: MILBON (THAILAND) CO., LTD.
 Manufacturer's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 – INGREDIENTS

WATER, ETHYLHEXYL ISONONANOATE, DIMETHICONE, ISOPROPYL MYRISTATE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, ISOSTEARIC ACID, PPG-2-BUTETH-1, C13-14 ISOPARAFFIN, HYDROXYPROPYL METHYLCELLULOSE STEAROXY ETHER, POLYACRYLAMIDE, PEG-20 HYDROGENATED CASTOR OIL, PEG-60 HYDROGENATED CASTOR OIL, SORBETH-40 TETRAOLEATE, POLYSORBATE 80, LAURETH-7, PROPYLENE GLYCOL, ISOPROPYL ALCOHOL, ALCOHOL, TOCOPHEROL, PHENOXYETHANOL, METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 1%
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	< 0.1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is



rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to Pale Yellow Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 4.0-7.4 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur



Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 9 February 2016,
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTH NO.3 COARSE HAIR TREATMENT
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: MILBON (THAILAND) CO., LTD.
 Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 - INGREDIENTS

WATER, DIMETHICONE, CETYL ALCOHOL, STEARYL ALCOHOL, STEARTRIMONIUM CHLORIDE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, OLEA EUROPAEA (OLIVE) FRUIT OIL, POLY(TRIPEPTIDE-6), LIMNANTHES ALBA (MEADOWFOAM) SEED OIL, ISOSTEARIC ACID, DICOCODIMONIUM CHLORIDE, AMODIMETHICONE, LACTIC ACID, ISOPROPYL ALCOHOL, TOCOPHEROL, ETHYLHEXYL METHOXYCINNAMATE, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 0.5%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.



Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to Pale Yellow Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 4.2-7.2 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test



Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 1st February 2019
Revision Number: 2nd
Prepared By: Central Research Institute, Milbon Co., Ltd.

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TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTH NO.3 COARSE HAIR
Product Use: Cosmetics (Hair Treatment)
Chemical Family: Mixture
Manufacturer's Name: MILBON (THAILAND) CO., LTD.
Manufacturer's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 - INGREDIENTS

WATER, CYCLOPENTASILOXANE, CETYL ALCOHOL, STEARYL ALCOHOL, STEARTRIMONIUM CHLORIDE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, OLEA EUROPAEA (OLIVE) FRUIT OIL, POLY(TRIPEPTIDE-6), LIMNANTHES ALBA (MEADOWFOAM) SEED OIL, ISOSTEARIC ACID, DICOCODIMONIUM CHLORIDE, AMODIMETHICONE, DIMETHICONE, LACTIC ACID, ISOPROPYL ALCOHOL, TOCOPHEROL, ETHYLHEXYL METHOXYCINNAMATE, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 0.5%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
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Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to Pale Yellow Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 4.2-7.2 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION



Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	9 February 2016,
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTH NO.3 FINE HAIR TREATMENT
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacturer's Name: MILBON (THAILAND) CO., LTD.
 Manufacturer's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 - INGREDIENTS

WATER, DIMETHICONE, CETYL ALCOHOL, STEARTRIMONIUM CHLORIDE, STEARYL ALCOHOL, ETHYLHEXYL ISONONANOATE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, POLY(TRIPEPTIDE-6), POLYQUATERNIUM-64, ISOPROPYL MYRISTATE, ISOSTEARIC ACID, DICOCODIMONIUM CHLORIDE, AMODIMETHICONE, LACTIC ACID, ISOPROPYL ALCOHOL, TOCOPHEROL, ETHYLHEXYL METHOXYCINNAMATE, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 0.5%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.



Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to Pale Yellow Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 4.5-7.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test



Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 1st February 2019
Revision Number: 2nd
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTH NO.3 FINE HAIR
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacturer's Name: MILBON (THAILAND) CO., LTD.
 Manufacturer's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 – INGREDIENTS

WATER, CETYL ALCOHOL, CYCLOPENTASILOXANE, DIMETHICONE, STEARTRIMONIUM CHLORIDE, STEARYL ALCOHOL, ETHYLHEXYL ISONONANOATE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, POLY(TRIPEPTIDE-6), POLYQUATERNIUM-64, ISOPROPYL MYRISTATE, ISOSTEARIC ACID, DICOCODIMONIUM CHLORIDE, AMODIMETHICONE, LACTIC ACID, ISOPROPYL ALCOHOL, TOCOPHEROL, ETHYLHEXYL METHOXYCINNAMATE, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 0.5%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration.



Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to Pale Yellow Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 4.5-7.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION



Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	9 February 2016,
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTH NO.3 MEDIUM HAIR TREATMENT
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: MILBON (THAILAND) CO., LTD.
 Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 - INGREDIENTS

WATER, DIMETHICONE, CETYL ALCOHOL, STEARTRIMONIUM CHLORIDE, STEARYL ALCOHOL, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, POLY(TRIPEPTIDE-6), ISOSTEARIC ACID, DICOCODIMONIUM CHLORIDE, AMODIMETHICONE, LACTIC ACID, ISOPROPYL ALCOHOL, ETHYLHEXYL METHOXYCINNAMATE, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 0.5%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
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Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to Pale Yellow Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 4.3-7.3 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test



Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 1st February 2019
Revision Number: 2nd
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTH NO.3 MEDIUM HAIR
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacturer's Name: MILBON (THAILAND) CO., LTD.
 Manufacturer's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 - INGREDIENTS

WATER, CYCLOPENTASILOXANE, CETYL ALCOHOL, STEARTRIMONIUM CHLORIDE, STEARYL ALCOHOL, DIMETHICONE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, POLY(TRIPEPTIDE-6), ISOSTEARIC ACID, DICOCODIMONIUM CHLORIDE, AMODIMETHICONE, LACTIC ACID, ISOPROPYL ALCOHOL, ETHYLHEXYL METHOXYCINNAMATE, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 0.5%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
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Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to Pale Yellow Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 4.3-7.3 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test



Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 9 February 2016,
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTH NO.4 COARSE HAIR MASQUE
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: MILBON (THAILAND) CO., LTD.
 Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 - INGREDIENTS

WATER, DIMETHICONE, CETYL ALCOHOL, AMINOETHYLAMINOPROPYL DIMETHICONE, STEARTRIMONIUM CHLORIDE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, HYDROLYZED COLLAGEN, OLEA EUROPAEA (OLIVE) FRUIT OIL, PENTAERYTHRITYL TETRAETHYLHEXANOATE, ISOSTEARIC ACID, AMODIMETHICONE, LACTIC ACID, ISOPROPYL ALCOHOL, TOCOPHEROL, ETHYLHEXYL METHOXYCINNAMATE, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 0.5%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
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Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to Pale Yellow Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 4.5-6.2 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test



Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 1st February 2019
Revision Number: 2nd
Prepared By: Central Research Institute, Milbon Co., Ltd.

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REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTH NO.4 COARSE HAIR
Product Use: Cosmetics (Hair Treatment)
Chemical Family: Mixture
Manufacturer's Name: MILBON (THAILAND) CO., LTD.
Manufacturer's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 - INGREDIENTS

WATER, CYCLOPENTASILOXANE, CETYL ALCOHOL, AMINOETHYLAMINOPROPYL DIMETHICONE, STEARTRIMONIUM CHLORIDE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, DIMETHICONE, HYDROLYZED COLLAGEN, OLEA EUROPAEA (OLIVE) FRUIT OIL, PENTAERYTHRITYL TETRAETHYLHEXANOATE, ISOSTEARIC ACID, AMODIMETHICONE, LACTIC ACID, ISOPROPYL ALCOHOL, TOCOPHEROL, ETHYLHEXYL METHOXYCINNAMATE, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 0.5%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration.



Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to Pale Yellow Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 4.5-6.2 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION



Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	9 February 2016,
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTH NO.4 FINE HAIR MASQUE
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: MILBON (THAILAND) CO., LTD.
 Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 - INGREDIENTS

WATER, DIMETHICONE, CETYL ALCOHOL, STEARTRIMONIUM CHLORIDE, AMODIMETHICONE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, HYDROLYZED COLLAGEN, CETYL-PG HYDROXYETHYL PALMITAMIDE, ISOSTEARIC ACID, DICOCODIMONIUM CHLORIDE, LAURETH-5, LACTIC ACID, ISOPROPYL ALCOHOL, ETHYLHEXYL METHOXYCINNAMATE, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 0.5%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.



Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to Pale Yellow Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 5.5-7.8 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test



Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 1st February 2019
Revision Number: 2nd
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTH NO.4 FINE HAIR
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacturer's Name: MILBON (THAILAND) CO., LTD.
 Manufacturer's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 - INGREDIENTS

WATER, CYCLOPENTASILOXANE, CETYL ALCOHOL, STEARTRIMONIUM CHLORIDE, DIMETHICONE, AMODIMETHICONE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, HYDROLYZED COLLAGEN, CETYL-PG HYDROXYETHYL PALMITAMIDE, ISOSTEARIC ACID, DICOCODIMONIUM CHLORIDE, LAURETH-5, LACTIC ACID, ISOPROPYL ALCOHOL, ETHYLHEXYL METHOXYCINNAMATE, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 0.5%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.



Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to Pale Yellow Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 5.5-7.8 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test



Carcinogenicity: Ingredients are not listed as CMR substances.
 Mutagenicity: Ingredients are not listed as CMR substances.
 Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
 Accumulation: Not available
 Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
 IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 9 February 2016,
 Revision Number: 1st
 Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
 PEL Permissible Exposure Limit
 TWA Time Weighted Average
 STEL Short Term Exposure Limit
 ACGIH American Conference of Governmental Industrial Hygienists
 TLV Threshold Limit Value
 NIOSH National Institute for Occupational Safety and Health
 REL Recommended Exposure Limit
 LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTH NO.4 MEDIUM HAIR MASQUE
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: MILBON (THAILAND) CO., LTD.
 Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 - INGREDIENTS

WATER, DIMETHICONE, CETYL ALCOHOL, STEARTRIMONIUM CHLORIDE, AMODIMETHICONE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, HYDROLYZED COLLAGEN, ISOSTEARIC ACID, DICOCODIMONIUM CHLORIDE, LACTIC ACID, ISOPROPYL ALCOHOL, ETHYLHEXYL METHOXYCINNAMATE, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 0.5%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
 Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if



symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to Pale Yellow Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 6.3-7.6 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.



Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 1st February 2019
Revision Number: 2nd
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTH NO.4 MEDIUM HAIR
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: MILBON (THAILAND) CO., LTD.
 Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 - INGREDIENTS

WATER, CYCLOPENTASILOXANE, CETYL ALCOHOL, STEARTRIMONIUM CHLORIDE, AMODIMETHICONE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, DIMETHICONE, HYDROLYZED COLLAGEN, ISOSTEARIC ACID, DICOCODIMONIUM CHLORIDE, LACTIC ACID, ISOPROPYL ALCOHOL, ETHYLHEXYL METHOXYCINNAMATE, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 0.5%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.



Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to Pale Yellow Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 6.3-7.6 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test



Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 9 February 2016,
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTH PERFECTING PRIMER
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: Milbon Co., Ltd.
 Manufacture's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

WATER, BUTYLENE GLYCOL, LAURYL BETAINE, C12-14 PARETH-12, ISOSTEAROYL HYDROLYZED SILK, HYDROLYZED COLLAGEN, HYDROXYPROPYLTRIMONIUM HYDROLYZED SILK, HYDROXYPROPYLTRIMONIUM HYDROLYZED KERATIN, SODIUM DILAURAMIDOGLUTAMIDE LYSINE, POLYQUATERNIUM-65, C10-40 ISOALKYLAMIDOPROPYLETHYLDIMONIUM ETHOSULFATE, ISOSTEARIC ACID, PVP, DIPROPYLENE GLYCOL, PHENOXYETHANOL, METHYLPARABEN, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
-	-	-	-	-	--	-

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion, Inhalation
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: May cause irritation to respiratory system resulting in hoarseness and tightness of throat in case of prolonged exposure.

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration.



Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale Yellowish Clear Liquid
Odor: Perfume Odor
Viscosity: Not available
pH: 5.2 - 6.2 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Soluble
Pressurized Container: No
Type Container: Plastic Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION



Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	8 February, 2016
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

THIS INFORMATION AS MENTIONED HEREINABOVE IS GIVEN IN GOOD FAITH AND IS BASED ON TECHNICAL INFORMATION WHICH WE BELIEVE TO BE RELIABLE AND ACCURATE. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE.

Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTHING SHAMPOO COARSE HAIR
 Product Use: Cosmetics (Shampoo)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

WATER, SODIUM LAURETH SULFATE, SODIUM LAURETH-11 CARBOXYLATE, DIPROPYLENE GLYCOL, SODIUM COCOYL APPLE AMINO ACIDS, SODIUM COCOAMPHOACETATE, ISOSTEARAMIDOPROPYL BETAINE, COCAMIDE METHYL MEA, LAURAMIDOPROPYL BETAINE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, HYDROGENATED LECITHIN, SODIUM LAUROYL SILK AMINO ACIDS, SODIUM DILAURAMIDOGLUTAMIDE LYSINE, SAXIFRAGA SARMENTOSA EXTRACT, PHYTOSTERYL/OCTYLDODECYL LAUROYL GLUTAMATE, DIPOTASSIUM GLYCYRRHIZATE, DISODIUM SUCCINOYL GLYCYRRHETINATE, JOJOBA WAX PEG-80 ESTERS, ISOSTEARIC ACID, COCAMIDOPROPYL BETAINE, DECYL GLUCOSIDE, POLYQUATERNIUM-52, POLYQUATERNIUM-10, LAURETH-16, CETEARETH-7, CETEARETH-13, POLYGLYCERYL-10 LAURATE, SODIUM CHLORIDE, SODIUM ACETATE, AMODIMETHICONE, ACETIC ACID, CITRIC ACID, BUTYLENE GLYCOL, GLYCERIN, HEXYLENE GLYCOL, ALCOHOL, SODIUM HYDROXIDE, BHT, DISODIUM EDTA, ETIDRONIC ACID, PENTASODIUM PENTETATE, PHENOXYETHANOL, ARGININE, PHYTIC ACID, SILVER OXIDE, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TWA)	7060 mg/kg (Rat-Oral)	< 1%
Hexylene Glycol	107-41-5	-	25 ppm	25 ppm		<0.5%
Acetic Acid	64-19-7	10 ppm	15 ppm (STEL)	15 ppm (STEL)		<0.1%
Sodium Hydroxide	1310-73-2	2 mg/m ³	2 mg/m ³	2 mg/m ³	500 mg/kg (Rabbit-Oral)	<0.1%
Butylated Hydroxy Toluene	128-37-0	-	10 mg/m ³ (TWA)	10 mg/m ³ (TWA)	890 mg/kg (Rat-Oral)	<0.1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not Applicable



SECTION 5 - FIRST AID MEASURES

- Skin Contact:** If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
- Eye Contact:** Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
- Ingestion:** Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
- Inhalation:** If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

- Flash Point (°C), Method:** Not available
- Auto Ignition Temp. (°C):** Not available
- Extinguishing Media:** Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

- Spill/Leak Procedure:** Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

- Handling Procedures:** Maintain good personal hygiene. Keep bulk covered.
- Storage Requirements:** Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

- Personal Protective Equipment**
- Eye/Type:** None required with normal use.
- Respiratory/Type:** None required with normal use.
- Gloves/Type:** None required with normal use.
- Clothing/Type:** None required with normal use.
- Footwear/Type:** None required with normal use.
- Ventilation Requirements:** General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Yellowish Clear Liquid
- Odor:** Perfume Odor
- Viscosity:** Not available



pH:	6.0 - 7.0 (when manufactured)
Gravity@25 °C:	Not available
Solubility in water:	Soluble
Pressurized Container	No
Type Container	Plastic Bottle, Aluminum Pouch

SECTION 11 - REACTIVITY DATA

Stability:	Stable
Incompatibility:	Not available
Hazardous Decomposition:	Will not occur
Hazardous Polymerization:	Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	2 February, 2016
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

THIS INFORMATION AS MENTIONED HEREINABOVE IS GIVEN IN GOOD FAITH AND IS BASED ON TECHNICAL INFORMATION WHICH WE BELIEVE TO BE RELIABLE AND ACCURATE. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE.

Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value



NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTHING SHAMPOO COARSE HAIR
 Product Use: Cosmetics (Shampoo)
 Chemical Family: Mixture
 Manufacture's Name: Milbon Co., Ltd.
 Manufacture's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, SODIUM LAURETH SULFATE, SODIUM LAURETH-11 CARBOXYLATE, DIPROPYLENE GLYCOL, SODIUM COCOAMPHOACETATE, ISOSTEARAMIDOPROPYL BETAINE, SODIUM COCOYL APPLE AMINO ACIDS, COCAMIDE METHYL MEA, LAURAMIDOPROPYL BETAINE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, HYDROGENATED LECITHIN, SODIUM LAUROYL SILK AMINO ACIDS, SODIUM DILAURAMIDOGLUTAMIDE LYSINE, SAXIFRAGA SARMENTOSA EXTRACT, PHYTOSTERYL/OCTYLDODECYL LAUROYL GLUTAMATE, DIPOTASSIUM GLYCYRRHIZATE, DISODIUM SUCCINOYL GLYCYRRHETINATE, JOJOBA WAX PEG-80 ESTERS, ISOSTEARIC ACID, COCAMIDOPROPYL BETAINE, DECYL GLUCOSIDE, POLYQUATERNIUM-52, POLYQUATERNIUM-10, LAURETH-16, CETEARETH-7, CETEARETH-13, POLYGLYCERYL-10 LAURATE, SODIUM CHLORIDE, SODIUM ACETATE, AMODIMETHICONE, ACETIC ACID, CITRIC ACID, BUTYLENE GLYCOL, GLYCERIN, HEXYLENE GLYCOL, ALCOHOL, SODIUM HYDROXIDE, BHT, DISODIUM EDTA, ETIDRONIC ACID, PENTASODIUM PENTETATE, PHENOXYETHANOL, ARGININE, PHYTIC ACID, SILVER OXIDE, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TWA)	7060 mg/kg (Rat-Oral)	< 1%
Hexylene Glycol	107-41-5	-	25 ppm	25 ppm		<0.5%
Acetic Acid	64-19-7	10 ppm	15 ppm (STEL)	15 ppm (STEL)		<0.1%
Sodium Hydroxide	1310-73-2	2 mg/m ³	2 mg/m ³	2 mg/m ³	500 mg/kg (Rabbit-Oral)	<0.1%
Butylated Hydroxy Toluene	128-37-0	—	10 mg/m ³ (TWA)	10 mg/m ³ (TWA)	890 mg/kg (Rat-Oral)	<0.1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of



breath.
Inhalation: Not Applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.

Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.

Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellowish Clear Liquid



Odor:	Perfume Odor
Viscosity:	Not available
pH:	6.0 - 7.0 (when manufactured)
Gravity@25 °C:	Not available
Solubility in water:	Soluble
Pressurized Container	No
Type Container	Plastic Bottle, Aluminum Pouch

SECTION 11 - REACTIVITY DATA

Stability:	Stable
Incompatibility:	Not available
Hazardous Decomposition:	Will not occur
Hazardous Polymerization:	Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	23 March, 2018
Revision Number:	2nd
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit



ACGIH	American Conference of Governmental Industrial Hygienists
TLV	Threshold Limit Value
NIOSH	National Institute for Occupational Safety and Health
REL	Recommended Exposure Limit
LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTHING SHAMPOO FINE HAIR
 Product Use: Cosmetics (Shampoo)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

WATER, SODIUM LAURETH SULFATE, DIPROPYLENE GLYCOL, ISOSTEARAMIDOPROPYL BETAINE, SODIUM C14-16 OLEFIN SULFONATE, SODIUM LAURETH-6 CARBOXYLATE, COCAMIDOPROPYL BETAINE, COCAMIDE METHYL MEA, SODIUM LAUROYL ASPARTATE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, HYDROXYPROPYLTRIMONIUM HYDROLYZED SILK, SAXIFRAGA SARMENTOSA EXTRACT, SODIUM DILAURAMIDOGLUTAMIDE LYSINE, DIPOTASSIUM GLYCYRRHIZATE, DISODIUM SUCCINOYL GLYCYRRHETINATE, POLIANTHES TUBEROSA POLYSACCHARIDE, ISOSTEARIC ACID, PCA ETHYL COCOYL ARGINATE, PEG-40 HYDROGENATED CASTOR OIL PCA ISOSTEARATE, POLYQUATERNIUM-52, POLYQUATERNIUM-10, LAURETH-16, SODIUM CHLORIDE, MALIC ACID, BUTYLENE GLYCOL, GLYCERIN, 1,2-HEXANEDIOL, CAPRYLYL GLYCOL, ALCOHOL, SODIUM HYDROXIDE, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TWA)	7060 mg/kg (Rat-Oral)	<0.1%
Sodium Hydroxide	1310-73-2	2 mg/m ³	2 mg/m ³	2 mg/m ³	500 mg/kg (Rabbit-Oral)	<0.1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not Applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently



flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.

Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellowish Clear Liquid
Odor: Perfume Odor
Viscosity: Not available
pH: 6.0 - 7.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Soluble
Pressurized Container: No
Type Container: Plastic Bottle, Aluminum Pouch

SECTION 11 - REACTIVITY DATA



Stability:	Stable
Incompatibility:	Not available
Hazardous Decomposition:	Will not occur
Hazardous Polymerization:	Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	28 January, 2016
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTHING SHAMPOO MEDIUM HAIR
 Product Use: Cosmetics (Shampoo)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

WATER, SODIUM LAURETH SULFATE, DIPROPYLENE GLYCOL, ISOSTEARAMIDOPROPYL BETAINE, SODIUM C14-16 OLEFIN SULFONATE, SODIUM LAURETH-6 CARBOXYLATE, COCAMIDOPROPYL BETAINE, COCAMIDE METHYL MEA, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, SOLUBLE COLLAGEN, SAXIFRAGA SARMENTOSA EXTRACT, SODIUM DILAURAMIDOGLUTAMIDE LYSINE, POLIANTHES TUBEROSA POLYSACCHARIDE, DIPOTASSIUM GLYCYRRHIZATE, DISODIUM SUCCINOYL GLYCYRRHETINATE, SODIUM LAUROYL ASPARTATE, ISOSTEARIC ACID, PCA ETHYL COCOYL ARGINATE, PEG-40 HYDROGENATED CASTOR OIL PCA ISOSTEARATE, POLYQUATERNIUM-10, SODIUM CHLORIDE, MALIC ACID, BUTYLENE GLYCOL, GLYCERIN, ALCOHOL, SODIUM HYDROXIDE, 1,2-HEXANEDIOL, CAPRYLYL GLYCOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TWA)	7060 mg/kg (Rat-Oral)	< 0.1%
Sodium Hydroxide	1310-73-2	2 mg/m ³	2 mg/m ³	2 mg/m ³	500 mg/kg (Rabbit-Oral)	<0.1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not Applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is



removed.

Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellowish Clear Liquid
Odor: Perfume Odor
Viscosity: Not available
pH: 6.0 - 7.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Soluble
Pressurized Container: No
Type Container: Plastic Bottle, Aluminum Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable



Incompatibility: Not available
 Hazardous Decomposition: Will not occur
 Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
 Carcinogenicity: Ingredients are not listed as CMR substances.
 Mutagenicity: Ingredients are not listed as CMR substances.
 Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
 Accumulation: Not available
 Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
 IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 2 February, 2016
 Revision Number: 1st
 Prepared By: Central Research Institute, Milbon Co., Ltd.

THIS INFORMATION AS MENTIONED HEREINABOVE IS GIVEN IN GOOD FAITH AND IS BASED ON TECHNICAL INFORMATION WHICH WE BELIEVE TO BE RELIABLE AND ACCURATE. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE.

Abbreviations: OSHA Occupational Safety and Health Administration
 PEL Permissible Exposure Limit
 TWA Time Weighted Average
 STEL Short Term Exposure Limit
 ACGIH American Conference of Governmental Industrial Hygienists
 TLV Threshold Limit Value
 NIOSH National Institute for Occupational Safety and Health
 REL Recommended Exposure Limit
 LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTHING TREATMENT COARSE HAIR
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: Milbon Co., Ltd.
 Manufacture's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 – INGREDIENTS

WATER, STEARYL ALCOHOL, DIMETHICONE, PENTAERYTHRITYL TETRAETHYLHEXANOATE, AMODIMETHICONE, CETYL ALCOHOL, STEARTRIMONIUM CHLORIDE, DISTEARYLDIMONIUM CHLORIDE, ROSA CANINA FRUIT OIL, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, CHOLESTERYL/OCTYLDODECYL LAUROYL GLUTAMATE, POLYQUATERNIUM-61, ARGININE, GLUTAMIC ACID, SODIUM HYALURONATE, CHOLESTEROL, BUTYROSPERMUM PARKII (SHEA BUTTER) OIL, DIMER DILINOLEYL DIMER DILINOLEATE, CHOLESTERYL LANOLATE, PCA ETHYL COCOYL ARGINATE, ISOSTEARIC ACID, QUATERNIUM-18, QUATERNIUM-33, DICOCODIMONIUM CHLORIDE, POLYGLYCERYL-10 DISTEARATE, BUTYLENE GLYCOL, PROPYLENE GLYCOL, GLYCERIN, ISOPROPYL ALCOHOL, BHT, DISODIUM EDTA, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 1%
Butylated Hydroxy Toluene	128-37-0	—	10 mg/m ³ (TWA)	10 mg/m ³ (TWA)	890 mg/kg (Rat-Oral)	< 0.1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is



removed.

Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to Pale Yellowish Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 5.0-6.5 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube, Plastic Bottle, Aluminum Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable



Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 4 February, 2016
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

THIS INFORMATION AS MENTIONED HEREINABOVE IS GIVEN IN GOOD FAITH AND IS BASED ON TECHNICAL INFORMATION WHICH WE BELIEVE TO BE RELIABLE AND ACCURATE. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE.

Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTHING TREATMENT FINE HAIR
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

WATER, STEARYL ALCOHOL, CETYL ALCOHOL, DIMETHICONE, ALCOHOL, STEAROXYPROPYLTRIMONIUM CHLORIDE, DI-C12-18 ALKYL DIMONIUM CHLORIDE, PPG-3 CAPRYLYL ETHER, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, HYDROLYZED SILK, POLYQUATERNIUM-61, ARGININE, POLIANTHES TUBEROSA POLYSACCHARIDE, CETYL-PG HYDROXYETHYL PALMITAMIDE, ISOSTEARIC ACID, HYDROXYETHYLCELLULOSE, PCA ETHYL COCOYL ARGINATE, DICOCODIMONIUM CHLORIDE, DISTEARYLDIMONIUM CHLORIDE, STEARTRIMONIUM CHLORIDE, LAURETH-5, AMODIMETHICONE, DIMETHICONOL, POLYSILICONE-9, CITRIC ACID, ISOPROPYL ALCOHOL, BUTYLENE GLYCOL, GLYCERIN, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 0.5%
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	< 2%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.



- Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
- Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

- Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

- Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

- Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

- Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.
Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: White Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 3.0-3.7 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube, Plastic Bottle, Aluminum Pouch

SECTION 11 - REACTIVITY DATA

- Stability: Stable
Incompatibility: Not available



Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 29 January, 2016
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTHING TREATMENT FINE HAIR
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, STEARYL ALCOHOL, CETYL ALCOHOL, DIMETHICONE, ALCOHOL, STEAROXYPROPYLTRIMONIUM CHLORIDE, DIMETHICONOL, DI-C12-18 ALKYL DIMONIUM CHLORIDE, PPG-3 CAPRYLYL ETHER, ISOSTEAROYL HYDROLYZED SILK, HYDROLYZED SILK, CETYL-PG HYDROXYETHYL PALMITAMIDE, POLIANTHES TUBEROSA POLYSACCHARIDE, ARGININE, ISOSTEARIC ACID, SQUALANE, HYDROXYETHYLCELLULOSE, POLYQUATERNIUM-61, PCA ETHYL COCOYL ARGINATE, DICOCODIMONIUM CHLORIDE, DISTEARYLDIMONIUM CHLORIDE, STEARTRIMONIUM CHLORIDE, LAURETH-5, AMODIMETHICONE, CITRIC ACID, BUTYLENE GLYCOL, GLYCERIN, ISOPROPYL ALCOHOL, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 0.5%
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	< 2%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently



flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.

Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment
Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.
Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 3.0-3.7 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube, Plastic Bottle, Aluminum Pouch



SECTION 11 - REACTIVITY DATA

Stability:	Stable
Incompatibility:	Not available
Hazardous Decomposition:	Will not occur
Hazardous Polymerization:	Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	23 March, 2018
Revision Number:	2nd
Prepared By:	Central Research Institute, Milbon Co., Ltd.

THIS INFORMATION AS MENTIONED HEREINABOVE IS GIVEN IN GOOD FAITH AND IS BASED ON TECHNICAL INFORMATION WHICH WE BELIEVE TO BE RELIABLE AND ACCURATE. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE.

Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SMOOTHING TREATMENT MEDIUM HAIR
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

WATER, CETYL ALCOHOL, STEARYL ALCOHOL, MACADAMIA TERNIFOLIA SEED OIL, STEARTRIMONIUM CHLORIDE, AMODIMETHICONE, DISTEARYLDIMONIUM CHLORIDE, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, HYDROLYZED COLLAGEN, POLYQUATERNIUM-61, ARGININE, QUATERNIUM-33, ISOSTEARIC ACID, SUCROSE LAURATE, PCA ETHYL COCOYL ARGINATE, DICOCODIMONIUM CHLORIDE, OLETH-2, ISOPROPYL ALCOHOL, BUTYLENE GLYCOL, GLYCERIN, ALCOHOL, ETIDRONIC ACID, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 1%
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	< 0.1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse



mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment
Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.
Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to Pale Yellowish Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 4.0-5.5 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube, Plastic Bottle, Aluminum Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur



SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	Not classified as dangerous goods
IMDG (Sea):	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	3 February, 2016
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SOOTHING MOISTURIZER
 Product Use: Cosmetics (Scalp Lotion)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, ALCOHOL, DIPROPYLENE GLYCOL, BUTYLENE GLYCOL, ISOSTEAROYL HYDROLYZED SILK, SODIUM ACETYLATED HYALURONATE, HYDROLYZED HYALURONIC ACID, SODIUM HYALURONATE, MENTHYL PCA, MENTHOL, PANTHENYL ETHYL ETHER, ERIOBOTRYA JAPONICA LEAF EXTRACT, LUFFA CYLINDRICA FRUIT/LEAF/STEM EXTRACT, ANGELICA KEISKEI LEAF/STEM EXTRACT, STEPHANIA CEPHARANTHA ROOT EXTRACT, PANAX GINSENG ROOT EXTRACT, ZOSTERA MARINA EXTRACT, ORIGANUM MAJORANA LEAF EXTRACT, THYMUS SERPILLUM EXTRACT, HYDROLYZED RICE LEAF EXTRACT, HYDROLYZED CONCHIOLIN PROTEIN, SWERTIA JAPONICA EXTRACT, DIPOTASSIUM GLYCYRRHIZATE, DIHYDROXYPROPYL ARGININE HCL, GLYCERYLAMIDOETHYL METHACRYLATE/STEARYL METHACRYLATE COPOLYMER, PPG-13-DECYLTETRADECETH-24, GLYCERIN, ISOSTEARIC ACID, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Glycerin	56-81-5	15 mg/m ³	10 mg/m ³ (TWA)	10 mg/m ³	12600 mg/kg (Rat-Oral)	< 0.33%
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	< 30%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately



launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.

Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.

Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Light Yellow Lotion
Odor: Perfume Odor
Viscosity: Not available
pH: 5.0-7.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Soluble
Pressurized Container: No
Type Container: Plastic Bottle



SECTION 11 - REACTIVITY DATA

Stability:	Stable
Incompatibility:	Not available
Hazardous Decomposition:	Will not occur
Hazardous Polymerization:	Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	ID 8000: Consumer commodity, Class 9, Pkg.Y963
IMDG (Sea):	UN 1170: Ethanol solution, Class 3, Ltd. Qty.

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	5 Apr., 2017
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

THIS INFORMATION AS MENTIONED HEREINABOVE IS GIVEN IN GOOD FAITH AND IS BASED ON TECHNICAL INFORMATION WHICH WE BELIEVE TO BE RELIABLE AND ACCURATE. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE.

Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON TEXTURIZING SEA MIST 3
 Product Use: Cosmetics (Hair Styling)
 Chemical Family: Mixture
 Manufacture's Name: Milbon Co., Ltd.
 Manufacture's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

WATER, ALCOHOL, SODIUM CHLORIDE, PVP, POLYSORBATE 20, SEA SALT, HELIANTHUS ANNUUS (SUNFLOWER) SEED OIL, ISOSTEAROYL HYDROLYZED SILK, ISOSTEARIC ACID, HYDROLYZED SILK, TOCOPHEROL, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	< 6%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion, Inhalation
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: May cause irritation to respiratory system resulting in hoarseness and tightness of throat in case of prolonged exposure.

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.



Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale Yellow Clear Liquid
Odor: Perfume Odor
Viscosity: Not available
pH: 4.1-4.9 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Soluble
Pressurized Container: No
Type Container: Plastic Spray Bottle

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test



Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 14 June, 2016
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON THICKENING MIST 4
 Product Use: Cosmetics (Hair Styling)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

WATER, VP/VA COPOLYMER, ALCOHOL DENAT., ALCOHOL, POLYSORBATE 20, HONEY, POLYQUATERNIUM-11, ISOSTEAROYL HYDROLYZED SILK, ISOSTEARIC ACID, HYDROLYZED SILK, PANTHENOL, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	< 6%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion, Inhalation
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: May cause irritation to respiratory system resulting in hoarseness and tightness of throat in case of prolonged exposure.

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.



Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale Yellow Clear Liquid
Odor: Perfume Odor
Viscosity: Not available
pH: 4.0-5.5 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Soluble
Pressurized Container: No
Type Container: Plastic Spray Bottle

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test



Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 14 June, 2016
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON VOLUMIZING SHAMPOO
 Product Use: Cosmetics (Shampoo)
 Chemical Family: Mixture
 Manufacture's Name: Milbon Co., Ltd.
 Manufacture's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, SODIUM LAURETH SULFATE, SODIUM LAURETH-6 CARBOXYLATE, LAURAMIDOPROPYL BETAINE, COCAMIDE METHYL MEA, SODIUM LAURETH-4 CARBOXYLATE, DISODIUM LAURETH SULFOSUCCINATE, ISOSTEAROYL HYDROLYZED SILK, SERICIN, DIOSPYROS KAKI FRUIT EXTRACT, SAXIFRAGA SARMENTOSA EXTRACT, POLYQUATERNIUM-10, POLYQUATERNIUM-52, ISOSTEARIC ACID, LAURETH-16, DIPOTASSIUM GLYCYRRHIZATE, DISODIUM SUCCINOYL GLYCYRRHETINATE, GLYCERIN, BUTYLENE GLYCOL, MALIC ACID, SODIUM BICARBONATE, SODIUM CARBONATE, POTASSIUM HYDROXIDE, DISODIUM EDTA, CHLORAMINE T, METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Potassium Hydroxide	1310-58-3		2 mg/m ³	2 mg/m ³		< 0.1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.



Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment
Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.
Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Liquid
Odor: Perfume Odor
Viscosity: Not available
pH: 5.0 - 6.5 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Soluble
Pressurized Container: No
Type Container: Plastic Bottle, Aluminum Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur



Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 17 August, 2017
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON VOLUMIZING TREATMENT
 Product Use: Cosmetics (Hair Treatment)
 Chemical Family: Mixture
 Manufacture's Name: Milbon Co., Ltd.
 Manufacture's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, HYDROXYPROPYL STARCH PHOSPHATE, STEARYL ALCOHOL, BEHENTRIMONIUM CHLORIDE, DIISOPROPYL ADIPATE, QUATERNIUM-91, ISONONYL ISONONANOATE, ISOSTEAROYL HYDROLYZED SILK, HYDROLYZED KERATIN, DIOSPYROS KAKI FRUIT EXTRACT, SODIUM HYALURONATE, HYDROLYZED RICE PROTEIN, PYRIDOXINE HCL, CAPRYLIC/CAPRIC TRIGLYCERIDE, CETYL PALMITATE, EUPHORBIA CERIFERA (CANDELILLA) WAX, PPG-3 BENZYL ETHER MYRISTATE, DIMER DILINOLEYL DIMER DILINOLEATE, KAOLIN, STEARAMIDOPROPYL DIMETHYLAMINE, ISOSTEARIC ACID, CALCIUM PANTOTHENATE, LACTIC ACID, GLYCERIN, BUTYLENE GLYCOL, ISOPROPYL ALCOHOL, SODIUM BICARBONATE, SODIUM CARBONATE, CHLORAMINE T, METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is



removed.

Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment
Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.
Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 2.5 - 3.5 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube, Plastic Jar, Plastic Bottle, Aluminum Pouch

SECTION 11 - REACTIVITY DATA

Stability: Stable



Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 17 August, 2017
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON WAVE DEFINING CREAM 1
 Product Use: Cosmetics (Hair Styling)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

WATER, CYCLOPENTASILOXANE, GLYCERIN, CETYL ALCOHOL, PHENYL TRIMETHICONE, CETYL LACTATE, DIMER DILINOLEYL DIMER DILINOLEATE, ALCOHOL, HYDROXYETHYL ACRYLATE/METHOXYETHYL ACRYLATE COPOLYMER, PRUNUS ARMENIACA (APRICOT) KERNEL OIL, BUTYROSPERMUM PARKII (SHEA) OIL, ISOSTEAROYL HYDROLYZED SILK, ISOSTEARIC ACID, OLEYL OLEATE, STEARYL ALCOHOL, CAPRYLIC/CAPRIC TRIGLYCERIDE, AMP-ACRYLATES/C1-18 ALKYL ACRYLATE/C1-8 ALKYL ACRYLAMIDE COPOLYMER, AMINOPROPYL DIMETHICONE, DIMETHICONOL, DIMETHICONE, BUTYLENE GLYCOL, ISOPROPYL ALCOHOL, DISTEARYLDIMONIUM CHLORIDE, BEHENTRIMONIUM METHOSULFATE, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	< 1.5%
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm	500 ppm	5045 mg/kg (Rat-Oral)	< 0.2%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.



- Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
- Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

- Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

- Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

- Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

- Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.
Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: White Cream
Odor: Perfume Odor
Viscosity: Not available
pH: 3.4-5.5 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube

SECTION 11 - REACTIVITY DATA

- Stability: Stable
Incompatibility: Not available



Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 14 June, 2016
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

THIS INFORMATION AS MENTIONED HEREINABOVE IS GIVEN IN GOOD FAITH AND IS BASED ON TECHNICAL INFORMATION WHICH WE BELIEVE TO BE RELIABLE AND ACCURATE. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE.

Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON WAVE ENHANCING MOUSSE 4
 Product Use: Cosmetics (Hair Styling Foam)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

WATER, PROPANE, BUTANE, BEESWAX, MYRISTIC ACID, C14-18 ALKYL ETHYLHEXANOATE, DIMER DILINOLEYL DIISOSTEARATE, ISOBUTANE, ISOSTEARIC ACID, BUTYROSPERMUM PARKII (SHEA) BUTTER, AMP-ACRYLATES/C1-18 ALKYL ACRYLATE/C1-8 ALKYL ACRYLAMIDE COPOLYMER, ISOSTEAROYL HYDROLYZED SILK, CETETH-30, PEG-60 HYDROGENATED CASTOR OIL, PROPANEDIOL, CETYL LACTATE, MYRISTYL ALCOHOL, PEG-4, PEG-20, HYDROXYETHYLCELLULOSE, SODIUM LAURETH SULFATE, SODIUM LAURYL SULFATE, POLYSORBATE 20, CYCLOPENTASILOXANE, DIMETHICONOL, SODIUM SULFATE, PROPYLENE GLYCOL, ALCOHOL, AMINOMETHYL PROPANOL, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	< 0.1%
Butane	106-97-8		1000 ppm	800 ppm		< 2.5%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion, Inhalation
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: May cause irritation to respiratory system resulting in hoarseness and tightness of throat in case of prolonged exposure.

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is



rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Foam
Odor: Perfume Odor
Viscosity: Not available
pH: Not available
Gravity@25 °C: 0.99 -1.01 (as solution before filling gas)
Solubility in water: Soluble
Pressurized Container: Yes
Type Container: Aluminum Bottle

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur



Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): ID 8000: Consumer commodity, Class 9, Pkg.Y963
IMDG (Sea): UN 1950: Aerosols, Class 2.1, Ltd. Qty.

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 15 September, 2016
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON WEIGHTLESS REPLENISHING MIST
 Product Use: Cosmetics (Leave-in Hair Treatment)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

WATER, BUTYLENE GLYCOL, DIMETHICONOL, ALCOHOL, ISOSTEAROYL HYDROLYZED SILK, SQUALANE, PCA, SODIUM PCA, ASPARTIC ACID, ALANINE, ARGININE, ISOLEUCINE, GLYCINE, SERINE, THREONINE, VALINE, HISTIDINE, PHENYLALANINE, PROLINE, CHOLESTEROL, ISOSTEARIC ACID, QUATERNIUM-18, QUATERNIUM-33, SODIUM LAURYL SULFATE, SODIUM LAURETH SULFATE, PPG-6-DECYLTETRADECETH-30, SODIUM SULFATE, SODIUM LACTATE, LACTIC ACID, PROPYLENE GLYCOL, ISOPROPYL ALCOHOL, PHENOXYETHANOL, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TWA)	7060 mg/kg (Rat-Oral)	< 3%
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 0.1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not Applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is



rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Liquid
Odor: Perfume Odor
Viscosity: Not available
pH: 6.3 - 7.8 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Soluble
Pressurized Container: No
Type Container: Plastic Bottle

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur



Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 8 February, 2016
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON WET SHINE GEL CREAM 5
 Product Use: Cosmetics (Hair Styling)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

WATER, MINERAL OIL, BUTYLENE GLYCOL, BUTYROSPERMUM PARKII (SHEA) OIL, BUTYROSPERMUM PARKII (SHEA) BUTTER, EUPHORBIA CERIFERA (CANDELILLA) WAX, SQUALANE, ROSA CENTIFOLIA FLOWER WATER, ISOSTEAROYL HYDROLYZED SILK, ISOSTEARIC ACID, PEG-14M, AMP-ACRYLATES/DIACETONEACRYLAMIDE COPOLYMER, HYDROXYETHYL ACRYLATE/METHOXYETHYL ACRYLATE COPOLYMER, ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER, AMP-ACRYLATES/C1-18 ALKYL ACRYLATE/C1-8 ALKYL ACRYLAMIDE COPOLYMER, CARBOMER, HYDROXYPROPYL STARCH PHOSPHATE, PEG-50 HYDROGENATED CASTOR OIL, PPG-4-CETETH-1, PPG-4-CETETH-20, PPG-8-CETETH-20, CETETH-10, PROPYLENE GLYCOL, ALCOHOL, AMINOMETHYL PROPANOL, DISODIUM EDTA, PHENOXYETHANOL, ETHYLPARABEN, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	< 0.5%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is



rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Turbidity Gel
Odor: Perfume Odor
Viscosity: Not available
pH: 5.6-6.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur



Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 14 June, 2016
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON WET SHINE GEL CREAM 8
 Product Use: Cosmetics (Hair Styling)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

WATER, PROPYLENE GLYCOL, PEG-4, EUPHORBIA CERIFERA (CANDELILLA) WAX, AMP-ACRYLATES/DIACETONEACRYLAMIDE COPOLYMER, PPG-8-CETETH-20, ALCOHOL, CARBOMER, SQUALANE, ROSA CENTIFOLIA FLOWER WATER, ISOSTEAROYL HYDROLYZED SILK, ISOSTEARIC ACID, HYDROXYETHYL ACRYLATE/METHOXYETHYL ACRYLATE COPOLYMER, AMP-ACRYLATES/C1-18 ALKYL ACRYLATE/C1-8 ALKYL ACRYLAMIDE COPOLYMER, PPG-4-CETETH-20, CETETH-10, AMINOMETHYL PROPANOL, DISODIUM EDTA, PHENOXYETHANOL, ETHYLPARABEN, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	< 1.5%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If



vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration.
Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellowish White Turbidity Gel
Odor: Perfume Odor
Viscosity: Not available
pH: 6.2-6.5 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Tube

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur



SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
 Carcinogenicity: Ingredients are not listed as CMR substances.
 Mutagenicity: Ingredients are not listed as CMR substances.
 Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
 Accumulation: Not available
 Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods
 IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 14 June, 2016
 Revision Number: 1st
 Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
 PEL Permissible Exposure Limit
 TWA Time Weighted Average
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 ACGIH American Conference of Governmental Industrial Hygienists
 TLV Threshold Limit Value
 NIOSH National Institute for Occupational Safety and Health
 REL Recommended Exposure Limit
 LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON CARBONATED SHAMPOO
 Product Use: Cosmetics (Shampoo)
 Chemical Family: Mixture
 Manufacture's Name: Milbon Co., Ltd.
 Manufacture's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

WATER, SODIUM COCOYL GLUTAMATE, LAURYL BETAINE, PETROLEUM DISTILLATES, SODIUM LAURETH-6 CARBOXYLATE, CARBON DIOXIDE, LACTIC ACID, LAURETH-6 CARBOXYLIC ACID, BUTYLENE GLYCOL, SODIUM LACTATE, COCAMIDE METHYL MEA, SALIX ALBA (WILLOW) BARK EXTRACT, CITRUS RETICULATA (TANGERINE) PEEL EXTRACT, ISOSTEAROYL HYDROLYZED SILK, PCA, SODIUM PCA, ASPARTIC ACID, ALANINE, ARGININE, ISOLEUCINE, GLYCINE, SERINE, THREONINE, VALINE, HISTIDINE, PHENYLALANINE, PROLINE, ISOSTEARIC ACID, PVP, POLYQUATERNIUM-10, ISOPENTANE, MENTHOL, DIPOTASSIUM GLYCYRRHIZATE, PEG-4, DISODIUM EDTA, METHYLISOTHIAZOLINONE, METHYLCHLOROISOTHIAZOLINONE, FRAGRANCE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Butane	106-97-8		1000 ppm (TWA)	800 ppm (TWA)		< 2.1%
Carbon Dioxide	124-38-9	5000 ppm	30000 ppm (STEL)	30000 ppm (STEL)		< 1.3%
2-Methylbutane (Isopentane)	78-78-4	1000 ppm	120 ppm (TWA)	600 ppm (TWA)		< 1.0%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately



- launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
- Eye Contact:** Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
- Ingestion:** Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
- Inhalation:** If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

- Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

- Spill/Leak Procedure:** Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

- Handling Procedures:** Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

- Personal Protective Equipment**
- Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.
- Ventilation Requirements:** General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: White Foam
Odor: Perfume Odor
Viscosity: Not available
pH: 4.8 – 5.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Soluble
Pressurized Container: Yes
Type Container: Aluminum Bottle



SECTION 11 - REACTIVITY DATA

Stability:	Stable
Incompatibility:	Not available
Hazardous Decomposition:	Will not occur
Hazardous Polymerization:	Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	ID 8000: Consumer commodity, Class 9, Pkg.Y963
IMDG (Sea):	UN 1950: Aerosols, Class 2.1, Ltd. Qty.

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	16 January, 2019
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

THIS INFORMATION AS MENTIONED HEREINABOVE IS GIVEN IN GOOD FAITH AND IS BASED ON TECHNICAL INFORMATION WHICH WE BELIEVE TO BE RELIABLE AND ACCURATE. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE.

Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON DRY TEXTURIZING SPRAY 4
 Product Use: Cosmetics (Hair Styling Spray)
 Chemical Family: Mixture
 Business Name: MILBON USA, Inc.
 Business Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

HYDROFLUOROCARBON 152a, ALCOHOL DENAT., VP/VA COPOLYMER, HELIANTHUS ANNUUS (SUNFLOWER) SEED EXTRACT, ACTINIDIA CHINENSIS (KIWI) FRUIT EXTRACT, ALOE BARBADENSIS LEAF EXTRACT, HEDYCHIUM CORONARIUM (GINGER) ROOT EXTRACT, MANGIFERA INDICA (MANGO) FRUIT EXTRACT, PASSIFLORA INCARNATA (PASSION FLOWER) EXTRACT, AMP-ISOSTEAROYL HYDROLYZED WHEAT PROTEIN, ZEOLITE, ACETYL TRIETHYL CITRATE, PEG/PPG-17/18 DIMETHICONE, BENZOPHENONE-4, GLYCERIN, BUTYLENE GLYCOL, PHENOXYETHANOL, CHLORPHENESIN, BENZOIC ACID, SORBIC ACID, WATER (AQUA), FRAGRANCE (PARFUM)

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	10 - 20%
HYDROFLUOROCARBON 152a	75-37-6	-	Not Established	Not Established	-	75 - 85%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion, Inhalation
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin. Repeated contact may cause irritation and drying of the skin. Contact with propellant may cause freeze burns.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: May cause irritation to respiratory system resulting in hoarseness and tightness of throat in case of prolonged exposure.

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently



flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.

Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Specific hazards: Closed containers exposed to excessive heat may rupture. Do not crush or puncture containers.

Flash Point (°C), Method: Not available

Auto Ignition Temp. (°C): Not available

Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Exclude sources of ignition and ventilate the area. Avoid breathing vapors. Product is packed in aerosol containers. Dispose of any leaking aerosols per site instructions after placing in safe fireproof containers with leaking material absorbed by earth or other non-flammable absorbent.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Wash hands thoroughly after using this product and before eating, drinking, or smoking

Storage Requirements: Keep away from excessive heat, open flames, sparks, and other possible source of ignition. Do not store in damaged or unmarked containers or storage devices. For warehouse storage, pallets and cases should be placed to avoid damage or rupture from material handling equipment. With use, spray aerosol carefully and cap after each use.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale yellow, Opaque Liquid

Odor: Perfume Odor

Viscosity: Not available



pH:	4 – 10 (When manufactured)
Gravity@25 °C:	Not available
Volatile Organic Compounds (VOC) %	<55%
Solubility in water:	Insoluble
Pressurized Container	Yes
Type Container	Aluminum Bottle

SECTION 11 - REACTIVITY DATA

Stability:	Stable
Incompatibility:	Strong oxidizing agents
Hazardous Decomposition:	Irritating vapors and toxic gases when involved in fire
Hazardous Polymerization:	Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of in accordance with federal, state or local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	ID 8000: Consumer commodity, Class 9 UN 1950: Aerosols, Class 2.1, Ltd. Qty.
IMDG (Sea):	UN 1950: Aerosols, Class 2.1, Ltd. Qty.

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	19 January 2017
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit



ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON EXTRA STRONG HOLD HAIRSPRAY 10
 Product Use: Cosmetics (Hair Styling Spray)
 Chemical Family: Mixture
 Business Name: MILBON USA, Inc.
 Business Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

ALCOHOL DENAT., HYDROFLUOROCARBON 152a, WATER (AQUA), OCTYLACRYLAMIDE/ACRYLATES/BUTYLAMINOETHYL METHACRYLATE COPOLYMER, AMINOMETHYL PROPANOL, PANTHENOL, PEG/PPG-17/18 DIMETHICONE, AMP-ISOSTEAROYL HYDROLYZED WHEAT PROTEIN, BENZOPHENONE-4, GLYCERIN, FRAGRANCE (PARFUM)

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	42 - 55%
HYDROFLUOROCARBON 152a	75-37-6	-	Not Established	Not Established	-	32 - 45%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion, Inhalation
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin. Repeated contact may cause irritation and drying of the skin. Contact with propellant may cause freeze burns.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: May cause irritation to respiratory system resulting in hoarseness and tightness of throat in case of prolonged exposure.

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.



- Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
- Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

- Specific hazards: Closed containers exposed to excessive heat may rupture. Do not crush or puncture containers.
- Flash Point (°C), Method: Not available
- Auto Ignition Temp. (°C): Not available
- Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

- Spill/Leak Procedure: Exclude sources of ignition and ventilate the area. Avoid breathing vapors
Product is packed in aerosol containers. Dispose of any leaking aerosols per site instructions after placing in safe fireproof containers with leaking material absorbed by earth or other non-flammable absorbent.

SECTION 8 - HANDLING AND STORAGE

- Handling Procedures: Maintain good personal hygiene. Wash hands thoroughly after using this product and before eating, drinking, or smoking
- Storage Requirements: Keep away from excessive heat, open flames, sparks, and other possible source of ignition. Do not store in damaged or unmarked containers or storage devices. For warehouse storage, pallets and cases should be placed to avoid damage or rupture from material handling equipment. With use, spray aerosol carefully and cap after each use.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

- Personal Protective Equipment
- Eye/Type: None required with normal use.
- Respiratory/Type: None required with normal use.
- Gloves/Type: None required with normal use.
- Clothing/Type: None required with normal use.
- Footwear/Type: None required with normal use.
- Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Colorless, Clear Liquid
- Odor: Perfume Odor
- Viscosity: Not available
- pH: 4 – 10 (When manufactured)
- Gravity@25 °C: Not available



Volatile Organic Compounds (VOC) %	<55%
Solubility in water:	Insoluble
Pressurized Container	Yes
Type Container	Aluminum Bottle

SECTION 11 - REACTIVITY DATA

Stability:	Stable
Incompatibility:	Strong oxidizing agents
Hazardous Decomposition:	Irritating vapors and toxic gases when involved in fire
Hazardous Polymerization:	Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of in accordance with federal, state or local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	ID 8000: Consumer commodity, Class 9 UN 1950: Aerosols, Class 2.1, Ltd. Qty.
IMDG (Sea):	UN 1950: Aerosols, Class 2.1, Ltd. Qty.

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	19 January 2017
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value



NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON STRONG HOLD HAIRSPRAY 7
 Product Use: Cosmetics (Hair Styling Spray)
 Chemical Family: Mixture
 Business Name: MILBON USA, Inc.
 Business Address: 568 Broadway, Suite 606, New York, NY 10012
 Emergency Call: +1-800-431-8930 (MILBON USA, Inc.)

SECTION 2 – INGREDIENTS

ALCOHOL DENAT., HYDROFLUOROCARBON 152a, OCTYLACRYLAMIDE/ACRYLATES/BUTYLAMINOETHYL METHACRYLATE COPOLYMER, AMINOMETHYL PROPANOL, PANTHENOL, ACTINIDIA CHINENSIS (KIWI) FRUIT EXTRACT, ALOE BARBADENSIS LEAF EXTRACT, HEDYCHIUM CORONARIUM (GINGER) ROOT EXTRACT, MANGIFERA INDICA (MANGO) FRUIT EXTRACT, PASSIFLORA INCARNATA (PASSION FLOWER) EXTRACT, AMP-ISOSTEAROYL HYDROLYZED WHEAT PROTEIN, ACETYL TRIETHYL CITRATE, PEG/PPG-17/18 DIMETHICONE, BENZOPHENONE-4, GLYCERIN, WATER (AQUA), PHENOXYETHANOL, CHLORPHENESIN, BENZOIC ACID, SORBIC ACID, FRAGRANCE (PARFUM)

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm (TWA)	1000 ppm (TEA)	7060 mg/kg (Rat-Oral)	45 - 55%
HYDROFLUOROCARBON 152a	75-37-6	-	Not Established	Not Established	-	32 - 45%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion, Inhalation
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin. Repeated contact may cause irritation and drying of the skin. Contact with propellant may cause freeze burns.
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 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: May cause irritation to respiratory system resulting in hoarseness and tightness of throat in case of prolonged exposure.

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.



- Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
- Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
- Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

- Specific hazards: Closed containers exposed to excessive heat may rupture. Do not crush or puncture containers.
- Flash Point (°C), Method: Not available
- Auto Ignition Temp. (°C): Not available
- Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

- Spill/Leak Procedure: Exclude sources of ignition and ventilate the area. Avoid breathing vapors. Product is packed in aerosol containers. Dispose of any leaking aerosols per site instructions after placing in safe fireproof containers with leaking material absorbed by earth or other non-flammable absorbent.

SECTION 8 - HANDLING AND STORAGE

- Handling Procedures: Maintain good personal hygiene. Wash hands thoroughly after using this product and before eating, drinking, or smoking
- Storage Requirements: Keep away from excessive heat, open flames, sparks, and other possible source of ignition. Do not store in damaged or unmarked containers or storage devices. For warehouse storage, pallets and cases should be placed to avoid damage or rupture from material handling equipment. With use, spray aerosol carefully and cap after each use.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

- Personal Protective Equipment
- Eye/Type: None required with normal use.
- Respiratory/Type: None required with normal use.
- Gloves/Type: None required with normal use.
- Clothing/Type: None required with normal use.
- Footwear/Type: None required with normal use.
- Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Colorless, Clear Liquid
- Odor: Perfume Odor



Viscosity:	Not available
pH:	4 – 10 (When manufactured)
Gravity@25 °C:	Not available
Volatile Organic Compounds (VOC) %	<55%
Solubility in water:	Insoluble
Pressurized Container	Yes
Type Container	Aluminum Bottle

SECTION 11 - REACTIVITY DATA

Stability:	Stable
Incompatibility:	Strong oxidizing agents
Hazardous Decomposition:	Irritating vapors and toxic gases when involved in fire
Hazardous Polymerization:	Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of in accordance with federal, state or local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	ID 8000: Consumer commodity, Class 9 UN 1950: Aerosols, Class 2.1, Ltd. Qty.
IMDG (Sea):	UN 1950: Aerosols, Class 2.1, Ltd. Qty.

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	19 January 2017
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co., Ltd.

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	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average



STEL	Short Term Exposure Limit
ACGIH	American Conference of Governmental Industrial Hygienists
TLV	Threshold Limit Value
NIOSH	National Institute for Occupational Safety and Health
REL	Recommended Exposure Limit
LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows



SAFETY DATA SHEET

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 005621

Product Name: SOPHISTONE PERMANENT (All shades)

Chemical Family: Mixture

Intended use: hair color, cosmetics

Recommendations on use: Personal care product to be mixed with the oxidation product and applied to hair for color.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka, Japan

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication:

Acute toxicity (oral) - category 4

Skin corrosion / irritation - category 2

Serious eye damage - category 1

Skin sensitization - category 1

Label elements

Hazard pictograms:



Signal words: DANGER



Hazard statements:

- H302 Harmful if swallowed
- H315 Causes skin irritation
- H318 Causes serious eye damage
- H317 May cause an allergic skin reaction

Precautionary statements:

- P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P280 Wear protective gloves/ protective clothing / eye protection / face protection.
- P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
- P332 + P313 If skin irritation occurs: Get medical advice/attention.
- P305, 351, 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337 + P313 If eye irritation persists: Get medical advice/attention.
- P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Keep from heat and moisture. Do not use metal utensils. Hair color products may cause allergic reactions, which in rare cases can be severe. Perform a skin allergy test 48 hours before each application.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	CAS number	%
AMMONIUM HYDROXIDE	1336-21-6	< 5%
RESORCINOL	108-46-3	< 2%
p-AMINOPHENOL	123-30-8	< 1%
m-AMINOPHENOL	591-27-5	< 1%
2,4-DIAMINOPHENOXYETHANOL HCL	66422-95-5	< 1%
TOLUENE-2,5-DIAMINE SULFATE	615-50-9	< 4%
1-NAPHTHOL	90-15-3	< 1%

Ingredient List;

WATER/AQUA/EAU, CETEARYL ALCOHOL, PARAFFIN, PEG-20, DICETYL PHOSPHATE, CETETH-10 PHOSPHATE, STEARETH-100, STEARETH-21, STEARETH-200, STEARYL ALCOHOL, CETYL ALCOHOL, LANOLIN ALCOHOL, TOCOPHEROL, OLETH-5 PHOSPHATE, DIOLEYL PHOSPHATE, XANTHAN GUM, ASCORBIC ACID, SODIUM SULFITE, DISODIUM EDTA, SODIUM CHLORIDE,



SODIUM POLYACRYLATE

May contain;

TOLUENE-2,5-DIAMINE SULFATE, RESORCINOL, 1-HYDROXYETHYL 4,5-DIAMINO PYRAZOLE SULFATE, 2-METHYLRESORCINOL, p-AMINOPHENOL, 4-AMINO-M-CRESOL, m-AMINOPHENOL, 2,4-DIAMINOPHENOXYETHANOL HCL, HYDROXYETHYL-3,4-METHYLENEDIOXYANILINE HCL, 2-AMINO-4-HYDROXYETHYLAMINOANISOLE SULFATE, 2-AMINO-6-CHLORO-4-NITROPHENOL, 4-AMINO-2-HYDROXYTOLUENE, 1-NAPHTHOL, 2-METHYL-5-HYDROXYETHYLAMINOPHENOL, HC RED NO. 3, BASIC RED 51, BASIC ORANGE 31

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Wash with plenty of water. If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Remove victim to fresh air. Get medical advice/attention immediately if the person feels unwell.

SECTION 5. Firefighting measures

Flash point: Not available.

Extinguishing media: Use chemical foam, dry chemical, carbon dioxide, water.

Firefighting Instructions: Contact emergency personnel. Use self-contained breathing apparatus and full protective gear. Hazardous decomposition products may be released.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Methods and material for containment and cleaning up

Collect the leaked product and place it in containers for disposal. Scrub the area with detergent.

Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

Precautions for safe handling

Ensure good ventilation at the workplace. Avoid skin and eye contact. External use only. This product is only for professionals.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Store in cool and dry areas. Discard any unused mixture with developer, since the



container may break. Protect from heat and sunlight; store in places far from rain and humidity; never store outdoors. Store separately from other dangerous and incompatible substances.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

INCI NAME	CAS No	Exposure Limit
AMMONIUM HYDROXIDE	1336-21-6	ACGIH TLV TWA: 25ppm STEL: 35ppm
RESORCINOL	108-46-3	ACGIH TLV TWA: 10ppm STEL: 20ppm

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

HAND PROTECTION: Wear appropriate gloves. Latex gloves may cause sensitivity reactions.

SKIN PROTECTION: Avoid prolonged contact with skin.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: Respiratory protection is not required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Cream
Color	White, Yellow, Red
Odor	Characteristic
pH	9.0 – 11.0
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available



Solubility in water	Partially soluble
Partition coefficient:	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available

Conditions to avoid: Heat and sunlight.

Incompatible materials: Information not available

Hazardous decomposition products: Information not available

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Assessed as safe with Skin Patch Test. This product contains ingredients which may cause skin irritation and/or allergic reactions on certain individuals and a preliminary skin test should first be made.

Information on toxicological effects

Information on likely routes of exposure.

SKIN: Causes skin irritation. May cause an allergic skin reaction.

EYE: Causes serious eye damage.

INGESTION: Harmful if swallowed.

INHALATION: Prolonged inhalation may be harmful.

ACUTE TOXICITY:

Products;

LD₅₀ (Oral) of the mixture: Category 4

LD₅₀ (Dermal) of the mixture: Not classified

LC₅₀ (Inhalation) of the mixture: Not classified

Component information;

INCI name	CAS-No	LD ₅₀ Oral	LD ₅₀ Dermal	LC ₅₀ Inhalation
AMMONIUM HYDROXIDE	1336-21-6	350mg/ kg		



RESORCINOL	108-46-3	301mg/kg	3,360mg/kg	
p-AMINOPHENOL	123-30-8	671mg/kg	>8,000mg/kg	
m-AMINOPHENOL	591-27-5	693mg/kg		
2,4-DIAMINOPHENOXYETHANOL HCL	66422-95-5	>2,000mg/kg		
TOLUENE-2,5-DIAMINE SULFATE	615-50-9	98mg/kg		
1-NAPHTHOL	90-15-3			>0.097mg/L

SKIN CORROSION / IRRITATION: Category 2/ Cause skin irritation.

SERIOUS EYE DAMAGE / IRRITATION: Category 1/ Causes serious eye damage.

RESPIRATORY OR SKIN SENSITIZATION: Category 1/ Sensitizing for the skin.

GERM CELL MUTAGENICITY: Not Classified

CARCINOGENICITY: Not Classified

REPRODUCTIVE TOXICITY: Not Classified

STOT - SINGLE EXPOSURE: Not Classified

STOT - REPEATED EXPOSURE: Not Classified

ASPIRATION HAZARD: Not Classified

SECTION 12. Ecological information

This product itself has not been tested. The following results have been associated with some of its ingredients.

Toxicity

INCI NAME	Acute and prolonged toxicity to fish	Acute toxicity to aquatic invertebrates	Toxicity to aquatic plants
AMMONIUM HYDROXIDE	LC ₅₀ = 8.2mg/L, 96hr	LC ₅₀ =0.66mg/L, 48hr	
RESORCINOL		LC ₅₀ =32.7mg/L, 96hr	LD ₅₀ =60mg/L
m-AMINOPHENOL	LC ₅₀ =120mg / L, 96hr	EC ₅₀ = 0.447 mg/L, 48hr	
p-AMINOPHENOL			EC ₅₀ =0.10mg/L, 72hr
1-NAPHTHOL		EC ₅₀ = 0.73 mg/L, 48hr	

SECTION 13. Disposal considerations

Waste treatment methods

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14. Transport information

ADR / RID: Not classified dangerous goods

MDG: Not classified dangerous goods



IATA: Not classified dangerous goods

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

SECTION 16. Other information

Date of Last Revision: 10 December, 2020

Revision Number: 1st

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-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON FACE PROTECT CREAM
Product Use: Cosmetics (Skin Cream)
Chemical Family: Mixture
Manufacturer's Name: Milbon Co., Ltd.
Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

MINERAL OIL, PETROLATUM, DEXTRIN PALMITATE, MICROCRYSTALLINE WAX, CETETH-15, ALUMINUM DISTEARATE, CETYL ALCOHOL, CETETH-30, DISTEARDIMONIUM HECTORITE, PROPYLENE CARBONATE, TOCOPHEROL

SECTION 3 - HAZARDOUS INGREDIENTS

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
Inhalation: Not applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available



Extinguishing Media: Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.
Respiratory/Type: None required with normal use.
Gloves/Type: None required with normal use.
Clothing/Type: None required with normal use.
Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Cream
Odor: Characteristic odor
Viscosity: Not available
Gravity@25 °C: 0.8 - 0.9 (when manufactured)
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Jar

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available



Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): Not classified as dangerous goods

IMDG (Sea): Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 1st February 2019

Revision Number: 1st

Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: MILBON SCALP SUPPORT OIL
 Product Use: Cosmetics (Scalp Treatment)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

LPG (BUTANE, ISOBUTANE), HYDROGENATED POLYISOBUTENE, DIETHOXYETHYL SUCCINATE, OLEA EUROPAEA (OLIVE) FRUIT OIL, STEARYL GLYCYRRHETINATE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV) (TWA)	NIOSH (REL) (TWA)	LD ⁵⁰	Maximum Composition
Butane	106-97-8		1000 ppm (TWA)	800 ppm (TWA)		< 50%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion, Inhalation
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: May cause irritation to respiratory system resulting in hoarseness and tightness of throat in case of prolonged exposure.

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.
 Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
 Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if



symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: None required with normal use.

Respiratory/Type: None required with normal use.

Gloves/Type: None required with normal use.

Clothing/Type: None required with normal use.

Footwear/Type: None required with normal use.

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Liquid
Odor: Characteristic Odor
Viscosity: Not available
pH: Not available
Gravity@25 °C: 0.7 - 0.8
Solubility in water: Insoluble
Pressurized Container: Yes
Type Container: Aluminum Bottle

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Not available
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.



Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air): ID 8000: Consumer commodity, Class 9, Pkg.Y963
IMDG (Sea): UN 1950: Aerosols, Class 2.1, Ltd. Qty.

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 20 August, 2015
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: SOPHISTONE Color Balancing Blue Shampoo
 Product Use: Cosmetics (Shampoo)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 – INGREDIENTS

WATER / AQUA, SODIUM C14-16 OLEFIN SULFONATE, LAURAMIDOPROPYL BETAINE, SODIUM LAURETH-6 CARBOXYLATE, COCAMIDE METHYL MEA, SODIUM LAUROYL SILK AMINO ACIDS, ISOSTEAROYL HYDROLYZED SILK, ISOSTEARIC ACID, PVP, POLYQUATERNIUM-10, POLYQUATERNIUM-52, PEG-120 METHYL GLUCOSE DIOLEATE, LAURETH-16, PROPYLENE GLYCOL LAURATE, LAURETH-6 CARBOXYLIC ACID, DIPOTASSIUM GLYCYRRHIZATE, LACTIC ACID, PEG-4, GLYCERIN, BENZYL ALCOHOL, POTASSIUM HYDROXIDE, DISODIUM EDTA, METHYLISOTHIAZOLINONE, METHYLCHLOROISOTHIAZOLINONE, SODIUM BENZOATE, MAGNESIUM CHLORIDE, SODIUM CHLORIDE, MAGNESIUM NITRATE, DIPROPYLENE GLYCOL, BHT, PHENOXYETHANOL, FRAGRANCE / PARFUM, BENZYL BENZOATE, CI 60730 / D&C Violet No. 2, CI 42090 / FD&C Blue No. 1

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Butylated Hydroxy Toluene	128-37-0	—	10 mg/m ³ (TWA)	10 mg/m ³ (TWA)	890 mg/kg (Rat-Oral)	<0.1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated. This product must not be used for dyeing the eyelashes or eyebrows; to do so may cause blindness.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not Applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.



- Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
- Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

- Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

- Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

- Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

- Eye/Type: Approved safety goggles or glasses
Respiratory/Type: None required with normal use.
Gloves/Type: Rubber/Latex/Nylon gloves
Clothing/Type: Rubber/Nylon apron
Footwear/Type: None required with normal use.
Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Blue Purple Liquid
Odor: Perfume Odor
Viscosity: Not available
pH: 4.0 - 6.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Soluble
Pressurized Container: No
Type Container: Plastic Bottle

SECTION 11 - REACTIVITY DATA

- Stability: Stable
Incompatibility: Not available



Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA: Not classified as dangerous goods
IMDG: Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 1st February 2019
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: SOPHISTONE Color Balancing Copper Shampoo
 Product Use: Cosmetics (Shampoo)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 – INGREDIENTS

WATER / AQUA, SODIUM C14-16 OLEFIN SULFONATE, LAURAMIDOPROPYL BETAINE, SODIUM LAURETH-6 CARBOXYLATE, COCAMIDE METHYL MEA, SODIUM LAUROYL SILK AMINO ACIDS, ISOSTEAROYL HYDROLYZED SILK, ISOSTEARIC ACID, PVP, POLYQUATERNIUM-10, POLYQUATERNIUM-52, PEG-120 METHYL GLUCOSE DIOLEATE, LAURETH-16, PROPYLENE GLYCOL LAURATE, LAURETH-6 CARBOXYLIC ACID, DIPOTASSIUM GLYCYRRHIZATE, LACTIC ACID, PEG-4, GLYCERIN, BENZYL ALCOHOL, POTASSIUM HYDROXIDE, DISODIUM EDTA, METHYLISOTHIAZOLINONE, METHYLCHLOROISOTHIAZOLINONE, SODIUM BENZOATE, MAGNESIUM CHLORIDE, SODIUM CHLORIDE, MAGNESIUM NITRATE, DIPROPYLENE GLYCOL, BHT, PHENOXYETHANOL, FRAGRANCE / PARFUM, BENZYL BENZOATE, CI 60730 / D&C Violet No. 2, CI 15510 / D&C Orange No. 4

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Butylated Hydroxy Toluene	128-37-0	—	10 mg/m ³ (TWA)	10 mg/m ³ (TWA)	890 mg/kg (Rat-Oral)	<0.1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated. This product must not be used for dyeing the eyelashes or eyebrows; to do so may cause blindness.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not Applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.



- Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
- Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

- Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

- Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

- Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

- Eye/Type: Approved safety goggles or glasses
Respiratory/Type: None required with normal use.
Gloves/Type: Rubber/Latex/Nylon gloves
Clothing/Type: Rubber/Nylon apron
Footwear/Type: None required with normal use.
Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Brown Liquid
Odor: Perfume Odor
Viscosity: Not available
pH: 4.0 - 6.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Soluble
Pressurized Container: No
Type Container: Plastic Bottle

SECTION 11 - REACTIVITY DATA

- Stability: Stable
Incompatibility: Not available



Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA: Not classified as dangerous goods
IMDG: Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 1st February 2019
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

THIS INFORMATION AS MENTIONED HEREINABOVE IS GIVEN IN GOOD FAITH AND IS BASED ON TECHNICAL INFORMATION WHICH WE BELIEVE TO BE RELIABLE AND ACCURATE. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE.

Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: SOPHISTONE Color Balancing Purple Shampoo
 Product Use: Cosmetics (Shampoo)
 Chemical Family: Mixture
 Manufacturer's Name: Milbon Co., Ltd.
 Manufacturer's Address: 2-3-35 Zengenji-cho, Miyakojima-ku, Osaka, 534-0015 Japan

SECTION 2 - INGREDIENTS

WATER / AQUA, SODIUM C14-16 OLEFIN SULFONATE, LAURAMIDOPROPYL BETAINE, SODIUM LAURETH-6 CARBOXYLATE, COCAMIDE METHYL MEA, SODIUM LAUROYL SILK AMINO ACIDS, ISOSTEAROYL HYDROLYZED SILK, ISOSTEARIC ACID, PVP, POLYQUATERNIUM-10, POLYQUATERNIUM-52, PEG-120 METHYL GLUCOSE DIOLEATE, LAURETH-16, PROPYLENE GLYCOL LAURATE, LAURETH-6 CARBOXYLIC ACID, DIPOTASSIUM GLYCYRRHIZATE, LACTIC ACID, PEG-4, GLYCERIN, BENZYL ALCOHOL, POTASSIUM HYDROXIDE, DISODIUM EDTA, METHYLISOTHIAZOLINONE, METHYLCHLOROISOTHIAZOLINONE, SODIUM BENZOATE, MAGNESIUM CHLORIDE, SODIUM CHLORIDE, MAGNESIUM NITRATE, DIPROPYLENE GLYCOL, BHT, PHENOXYETHANOL, FRAGRANCE / PARFUM, BENZYL BENZOATE, CI 60730 / D&C Violet No. 2

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Butylated Hydroxy Toluene	128-37-0	—	10 mg/m ³ (TWA)	10 mg/m ³ (TWA)	890 mg/kg (Rat-Oral)	<0.1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion
 Skin Contact: No Specific hazard is identified under normal conditions. May cause irritation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated. This product must not be used for dyeing the eyelashes or eyebrows; to do so may cause blindness.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: Not Applicable

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Obtain Doctor's advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.



- Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.
- Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

- Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

- Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

- Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

- Eye/Type: Approved safety goggles or glasses
Respiratory/Type: None required with normal use.
Gloves/Type: Rubber/Latex/Nylon gloves
Clothing/Type: Rubber/Nylon apron
Footwear/Type: None required with normal use.
Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Purple Liquid
Odor: Perfume Odor
Viscosity: Not available
pH: 4.0 - 6.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Soluble
Pressurized Container: No
Type Container: Plastic Bottle

SECTION 11 - REACTIVITY DATA

- Stability: Stable
Incompatibility: Not available



Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA: Not classified as dangerous goods
IMDG: Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 1st February 2019
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: SOPHISTONE Cream Developer 10vol., 20vol.
 Product Use: Cosmetics (Hair Color Developer Cream)
 Chemical Family: Mixture
 Manufacture's Name: MILBON (THAILAND) CO., LTD.
 Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 - INGREDIENTS

WATER/AQUA, HYDROGEN PEROXIDE, STEARYL ALCOHOL, CETYL ALCOHOL, CETEARETH-25, PARAFFIN, MYRISTYL ALCOHOL, SODIUM LAURETH SULFATE, ETIDRONIC ACID, SALICYLIC ACID, PHOSPHORIC ACID, TRISODIUM EDTA

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV) (TWA)	NIOSH (REL) (TWA)	LD ⁵⁰ (Rat-Oral)	Maximum Composition
Hydrogen Peroxide	7722-84-1	1 ppm	1 ppm (TWA)	1 ppm (TWA)	1,518mg/kg (Rat-Oral)	< 6%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion, Inhalation

Skin Contact: May cause irritation under normal conditions, will cause stinging and burning sensation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: May cause irritation to respiratory system resulting in hoarseness and tightness of throat in case of prolonged exposure.

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed. Obtain Doctor's advice immediately.
 Ingestion: Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water. Obtain



medical check immediately.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: Approved safety goggles or glasses
Respiratory/Type: Not required under normal use
Gloves/Type: Rubber/Latex/Nylon gloves
Clothing/Type: Rubber/Nylon apron
Footwear/Type: Approved safety shoe protection

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Cream
Odor: Characteristic odor
Viscosity: Not available
pH: 2.0-4.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Bottle

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Oxidizing Materials, Acids, Excessive heat or flame.
Hazardous Decomposition: Will not occur.
Hazardous Polymerization: Will not occur.



SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Assessed as safe with Skin Patch Test
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Dispose of according to National and Local regulations.
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SECTION 15 - TRANSPORT INFORMATION

IATA :	Not classified as dangerous goods
IMDG:	Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision:	1 st February 2019
Revision Number:	1st
Prepared By:	Central Research Institute, Milbon Co.,Ltd.

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Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: SOPHISTONE Cream Developer 30vol., 40vol.
 Product Use: Cosmetics (Hair Color Developer Cream)
 Chemical Family: Mixture
 Manufacture's Name: MILBON (THAILAND) CO., LTD.
 Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 - INGREDIENTS

WATER/AQUA, HYDROGEN PEROXIDE, STEARYL ALCOHOL, CETYL ALCOHOL, CETEARETH-25, PARAFFIN, MYRISTYL ALCOHOL, SODIUM LAURETH SULFATE, ETIDRONIC ACID, SALICYLIC ACID, PHOSPHORIC ACID, TRISODIUM EDTA

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV) (TWA)	NIOSH (REL) (TWA)	LD ⁵⁰ (Rat-Oral)	Maximum Composition
Hydrogen Peroxide	7722-84-1	1 ppm	1 ppm (TWA)	1 ppm (TWA)	1,518mg/kg (Rat-Oral)	< 12%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion, Inhalation

Skin Contact: May cause irritation under normal conditions, will cause stinging and burning sensation to open cuts or abraded skin.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: May cause irritation to respiratory system resulting in hoarseness and tightness of throat in case of prolonged exposure.

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, blister or other skin abnormalities, obtain Doctor's advice immediately.
 Eye Contact: Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed. Obtain Doctor's advice immediately.
 Ingestion: Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water. Obtain



medical check immediately.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: Approved safety goggles or glasses
Respiratory/Type: Not required under normal use
Gloves/Type: Rubber/Latex/Nylon gloves
Clothing/Type: Rubber/Nylon apron
Footwear/Type: Approved safety shoe protection

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White Cream
Odor: Characteristic odor
Viscosity: Not available
pH: 2.0-4.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Miscible
Pressurized Container: No
Type Container: Plastic Bottle

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Oxidizing Materials, Acids, Excessive heat or flame.
Hazardous Decomposition: Will not occur.
Hazardous Polymerization: Will not occur.



SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: Assessed as safe with Skin Patch Test
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA: UN 2984, Hydrogen Peroxide, Aqueous Solution, Class 5.1, PGIII, Ltd. Qty.
IMDG: UN 2984, Hydrogen Peroxide, Aqueous Solution, Class 5.1, PGIII, Ltd. Qty.

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 28 June, 2019
Revision Number: 2nd
Prepared By: Central Research Institute, Milbon Co.,Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: SOPHISTONE DEMI 9N, 8N, 6N, 5N, 3N, 9B, 9BV, 7BV, 8M, 6M, 9G, 7G, 6G, 5G, 3G, 8GC, 6GC, 4GC, 9GBE, 7GBE, 6GBE, 9CR, 6CR, 3CR, 6R, 3R, 9V, 8V, 7V, 3V, 9BE, 7BE, 6BE, 4BE, 3BE, 9GA, 6GA, Blue intensifier, Yellow intensifier, Red intensifier, Violet intensifier, CLEAR

Product Use: Cosmetics (Hair Color)

Chemical Family: Mixture

Manufacture's Name: MILBON (THAILAND) CO., LTD.

Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 – INGREDIENTS

PROPYLENE GLYCOL, ISOPROPYL ALCOHOL, SODIUM C14-16 OLEFIN SULFONATE, PPG-2 BUTYL ETHER, C12-14 PARETH-3, PPG-2 HYDROXYETHYL COCO/ISOSTEARAMIDE, WATER/AQUA, LAURETH-3, PPG-5-CETETH-10 PHOSPHATE, MYRISTYL ALCOHOL, CETYL ALCOHOL, OLEYL ALCOHOL, ASCORBIC ACID, LAURYL ALCOHOL, COCO-BETAINE, SODIUM SULFITE, SODIUM CHLORIDE, ETHANOLAMINE, PENTASODIUM PENTETATE, FRAGRANCE/PARFUM, TRISODIUM PHOSPHATE, SODIUM CITRATE, BHT, LINALOOL

May Contain: 2,4-DIAMINOPHOXYETHANOL HCL, 4-AMINO-2-HYDROXYTOLUENE, m-AMINOPHENOL, N,N-BIS(2-HYDROXYETHYL)-P-PHENYLENEDIAMINE SULFATE, p-AMINOPHENOL, p-PHENYLENEDIAMINE, TOLUENE-2,5-DIAMINE SULFATE, RESORCINOL, 2-METHYLRESORCINOL, 3-NITRO-P-HYDROXYETHYLAMINOPHENOL, 2-AMINO-6-CHLORO-4-NITROPHENOL, 4-CHLORORESORCINOL, HC RED NO. 3, HC YELLOW NO. 2, PHENYL METHYL PYRAZOLONE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Isopropyl Alcohol	67-63-0	400 ppm	500 ppm (STEL)	500 ppm (STEL)	5045 mg/kg (Rat-Oral)	< 10%
Ethanolamine	141-43-5	3 ppm	6 ppm (STEL)	6 ppm (STEL)	2100 mg/kg (Rat-Oral)	< 0.5%
p-Phenylene Diamine	106-50-3	0.1mg/m3	0.1mg/m3	0.1mg/m3		< 3%
Resorcinol	108-46-3		10ppm	10ppm		< 1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion, Inhalation

Skin Contact: May cause irritation under normal conditions, will cause stinging and burning sensation to open cuts or abraded skin. This product contains ingredients which may cause skin irritation on certain individuals and a preliminary skin test should first be made.

Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated. This product must not be used for dyeing the eyelashes or eyebrows; to do so may cause blindness.

Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of



breath.

Inhalation: May cause irritation to respiratory system resulting in hoarseness and tightness of throat in case of prolonged exposure.

Caution:

This product contains ingredients which may cause skin irritation on certain individuals and a preliminary skin test should first be made. This product must not be used for dyeing the eyelashes or eyebrows; to do so may cause blindness.

“SOPHISTONE DEMI” is intended to use with hair dye developer “SOPHISTONE Processing Lotion 6.6vol.”. Do not use separately. Follow the instruction of MILBON.

SECTION 5 - FIRST AID MEASURES

Skin Contact: If irritation does occur, remove the contaminated clothing and flush skin with lukewarm, gently flowing water for 5 minutes or until the contaminant is removed. Immediately launder the contaminated clothing. If there is any rash, redness, white spot, blister or other skin abnormalities, obtain Doctor’s advice immediately.

Eye Contact: Obtain Doctor’s advice immediately. Immediately flush eyes with lukewarm, gently flowing water while holding eyelids apart for 15 minutes, or until the contaminant is removed.

Ingestion: Obtain medical check immediately. Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. Have the victim rinse mouth thoroughly with water. Do not induce vomiting. Have the victim drink water. If vomiting occurs naturally, have the victim lean forward to reduce risk of aspiration. Repeat administration of water.

Inhalation: If symptoms are experienced, move the victim to fresh air and obtain medical advice if symptoms persist.

SECTION 6 - FIRE FIGHTING MEASURES AND EXPLOSION HAZARD DATA

Flash Point (°C), Method: 36.5 °C (Closed cup)
Sustained Combustibility Test: Not sustained combustibility at 60.5 and 75 °C
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: Approved safety goggles or glasses
Respiratory/Type: Not required under normal use
Gloves/Type: Rubber/Latex/Nylon gloves



Clothing/Type: Rubber/Nylon apron
Footwear/Type: Approved safety shoe protection
Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, yellow or brown liquid
Odor: Perfume Odor, Alcoholic odor
Viscosity: Not available
pH: 8.0-10.0 (when manufactured)
Gravity@25 °C: Not available
Solubility in water: Soluble
Pressurized Container: No
Type Container: Plastic bottle

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Oxidizing Materials, Acids, Excessive heat or flame
Hazardous Decomposition: Will not occur
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product: This product contains ingredients which may cause skin irritation and/or allergic reactions on certain individuals and a preliminary skin test should first be made.
Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA : Not classified as dangerous goods
IMDG: Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 15 March 2019
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.



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Abbreviations:	OSHA	Occupational Safety and Health Administration
	PEL	Permissible Exposure Limit
	TWA	Time Weighted Average
	STEL	Short Term Exposure Limit
	ACGIH	American Conference of Governmental Industrial Hygienists
	TLV	Threshold Limit Value
	NIOSH	National Institute for Occupational Safety and Health
	REL	Recommended Exposure Limit
	LD ⁵⁰	Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: SOPHISTONE Elite Clay
 Product Use: Cosmetics (Hair bleach)
 Chemical Family: Mixture
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

SECTION 2 - INGREDIENTS

KAOLIN, SODIUM SILICATE, AMMONIUM PERSULFATE, POTASSIUM PERSULFATE, SODIUM METASILICATE, SODIUM PERSULFATE, MAGNESIUM STEARATE, MINERAL OIL, DISODIUM EDTA, CYAMOPSIS TETRAGONOLOBA (GUAR) GUM, POLYPHOSPHORYLCHOLINE GLYCOL ACRYLATE, CARBOMER

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
SODIUM SILICATE	1344-09-8	-	-	-	3400 mg/ kg (Rat-Oral)	< 25%
AMMONIUM PEROXYDISULPHATE	7727-54-0	-	0.1 mg/m ³ (TWA)	-	272 mg/kg (Rat-Oral)	< 25%
DIPOTASSIUM PEROXODISULPHATE	7727-21-1	-	0.1 mg/m ³ (TWA)	-	1130 mg/kg (Rat-Oral)	< 10%
DISODIUM METASILICATE	6834-92-0	-	-	-	1152 mg/kg	< 5%
MINERAL OIL	8042-47-5	-	-	-	-	< 5%
SODIUM PERSULFATE	7775-27-1	-	0.1 mg/m ³ (TWA)	-	895 mg/kg	< 5%
TETRASODIUM EDTA	64-02-8	-	-	-	1780 mg/kg (Oral)	< 5%
Ammonia	7664-41-7	50 ppm	35 ppm (STEL)	35 ppm (STEL)	-	-

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion, Inhalation

Skin Contact: May cause an allergic skin reaction. Will cause irritation under normal conditions, will cause stinging and burning sensation to open cuts or abraded skin.

Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.

Ingestion: Harmful if swallowed. May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.



Inhalation: May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

SECTION 5 - FIRST AID MEASURES

Skin Contact: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention immediately.

Eye Contact: Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention immediately.

Ingestion: Have the subject drink as much water as possible. Get medical advice/attention immediately. Do not induce vomiting unless explicitly authorized by a doctor.

Inhalation: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available

Auto Ignition Temp. (°C): Not available

Extinguishing Media: The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE:

Do not breathe combustion products. The product is combustible and, when the powder is released into the air in sufficient concentrations and in the presence of a source of ignition, it can create explosive mixtures with air. Fires may start or get worse by leakage of the solid product from the container, when it reaches high temperatures or through contact with sources of ignition.

GENERAL INFORMATION:

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: If there are no contraindications, spray powder with water to prevent the formation of dust.

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.



Methods for Cleaning up Collect the leaked product and place it in containers for recovery or disposal. If there are no contraindications, use jets of water to eliminate product residues. Make sure the leakage site is well aired. Evaluate the compatibility of the container to be use. Contaminated material should be disposed of in compliance.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Ensure that there is an adequate earthing system for the equipment and personnel. Avoid contact with eyes and skin. Do not breathe powders, vapors or mists. Do not eat, drink or smoke during use. Wash hands after use. Avoid leakage of the product into the environment.

Storage Requirements: Store only in the original container. Store in a ventilated and dry place, far away from sources of ignition. Keep containers well sealed. Keep the product in clearly labelled containers. Avoid overheating. Avoid violent blows. Keep containers away from any incompatible materials.

Storage Conditions: Store in cool (below 30 °C) and dry areas. Avoid contamination and avoid the presence of reducing agents like lotions and permanent waves. Discard any unused mixture with developer or bleaching lotions, since the container may break. AVOID humid organic material as paper towel, wood, clothes, etc. which could induce spontaneous combustion. Protect from heat and sunlight; store in places far from rain and humidity; never store outdoors. Store separately from other dangerous and incompatible substances.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. When choosing personal protective equipment, ask your chemical substance supplier for advice.

EYE PROTECTION: Wear a hood visor or protective visor combined with airtight goggles.

HAND PROTECTION: In the case of prolonged contact with the product, protect the hands with penetration-resistant work gloves. Work glove material must be chosen according to the use process and the products that may form. Latex gloves may cause sensitivity reactions.

SKIN PROTECTION: Wear category II professional long-sleeved overalls and safety footwear. Wash body with soap and water after removing protective clothing.

In the presence of risks of exposure to splashes or squirts during work, adequate mouth, nose and eye protection should be used to prevent accidental absorption.

RESPIRATORY PROTECTION:

Use a type P filtering facemask, whose class (1, 2 or 3) and effective need, must be defined according to the outcome of risk assessment.



ENVIRONMENTAL EXPOSURE CONTROLS:

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder
Odor:	Characteristic odor
Viscosity:	Not available
pH:	9.7-10.7 (when manufactured)
Gravity@25 °C:	Not available
Solubility in water:	Partially soluble
Pressurized Container	No
Type Container	Plastic Cup / Sachet

SECTION 11 - REACTIVITY DATA

Stability:	Stable in normal conditions of use and storage. The powders are potentially explosive when mixed with air.
Incompatibility:	Reducing Materials, Oxidizing Materials, Excessive heat or flame, Acids, Water.
Hazardous Decomposition:	Contaminated product will generate oxygen gas and ammonia. Excessive heat will urge to generate oxygen gas and ammonia.
Hazardous Polymerization:	Will not occur.

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Sensitizing for the skin. Sensitizing for the respiratory system.
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorized waste management firm, in compliance with national and local regulations.
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CONTAMINATED PACKAGING:

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.



SECTION 15 - TRANSPORT INFORMATION

IATA (Air): UN1479, Oxidizing Solid, N.O.S. Mixture, Class 5.1, PG III, Ltd. Qty.
IMDG (Sea): UN1479, Oxidizing Solid, N.O.S. Mixture, Class 5.1, PG III, Ltd. Qty.

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 28 June, 2019
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co.,Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: SOPHISTONE Elite Powder
 Product Use: Cosmetics (Hair bleach)
 Chemical Family: Mixture
 Distributor's Name: MILBON USA, Inc.
 Distributor's Address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

SECTION 2 - INGREDIENTS

SODIUM SILICATE, AMMONIUM PERSULFATE, POTASSIUM PERSULFATE, SODIUM STEARATE, MAGNESIUM CARBONATE, TETRASODIUM EDTA, SODIUM LAURYL SULFATE, CARBOMER, CYAMOPSIS TETRAGONOLOBA (GUAR) GUM, CYCLODEXTRIN, DIMETHICONE, POLYPHOSPHORYLCHOLINE GLYCOL ACRYLATE, ULTRAMARINES

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
SODIUM SILICATE	1344-09-8	-	-	-	3400 mg/ kg (Rat-Oral)	< 75%
AMMONIUM PEROXYDISULPHATE	7727-54-0	-	0.1 mg/m ³ (TWA)	-	272 mg/kg (Rat-Oral)	< 25%
DIPOTASSIUM PEROXODISULPHATE	7727-21-1	-	0.1 mg/m ³ (TWA)	-	1130 mg/kg (Rat-Oral)	< 20%
SODIUM LAURYL SULFATE,	85586-07-8	-	-	-	1800 mg/kg (Rat-Oral)	< 3%
TETRASODIUM EDTA	64-02-8	-	-	-	1780 mg/kg (Oral)	< 3%
Ammonia	7664-41-7	50 ppm	35 ppm (STEL)	35 ppm (STEL)	-	-

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion, Inhalation

Skin Contact: May cause an allergic skin reaction. Will cause irritation under normal conditions, will cause stinging and burning sensation to open cuts or abraded skin.

Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated.

Ingestion: Harmful if swallowed. May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.

Inhalation: May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.



SECTION 5 - FIRST AID MEASURES

- Skin Contact:** Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention immediately.
- Eye Contact:** Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention immediately.
- Ingestion:** Have the subject drink as much water as possible. Get medical advice/attention immediately. Do not induce vomiting unless explicitly authorized by a doctor.
- Inhalation:** Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

SECTION 6 - FIRE FIGHTING MEASURES

- Flash Point (°C), Method:** Not available
- Auto Ignition Temp. (°C):** Not available
- Extinguishing Media:** The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE:

Do not breathe combustion products. The product is combustible and, when the powder is released into the air in sufficient concentrations and in the presence of a source of ignition, it can create explosive mixtures with air. Fires may start or get worse by leakage of the solid product from the container, when it reaches high temperatures or through contact with sources of ignition.

GENERAL INFORMATION:

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 7 - ACCIDENTAL RELEASE MEASURE

- Spill/Leak Procedure:** If there are no contraindications, spray powder with water to prevent the formation of dust.
Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.
- Methods for Cleaning up** Collect the leaked product and place it in containers for recovery or disposal. If there are no contraindications, use jets of water to eliminate product residues. Make sure the leakage site is well aired. Evaluate the compatibility of the



container to be use. Contaminated material should be disposed of in compliance.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Ensure that there is an adequate earthing system for the equipment and personnel. Avoid contact with eyes and skin. Do not breathe powders, vapors or mists. Do not eat, drink or smoke during use. Wash hands after use. Avoid leakage of the product into the environment.

Storage Requirements: Store only in the original container. Store in a ventilated and dry place, far away from sources of ignition. Keep containers well sealed. Keep the product in clearly labelled containers. Avoid overheating. Avoid violent blows. Keep containers away from any incompatible materials.

Storage Conditions: Store in cool (below 30 °C) and dry areas. Avoid contamination and avoid the presence of reducing agents like lotions and permanent waves. Discard any unused mixture with developer or bleaching lotions, since the container may break. AVOID humid organic material as paper towel, wood, clothes, etc. which could induce spontaneous combustion. Protect from heat and sunlight; store in places far from rain and humidity; never store outdoors. Store separately from other dangerous and incompatible substances.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. When choosing personal protective equipment, ask your chemical substance supplier for advice.

EYE PROTECTION: Wear a hood visor or protective visor combined with airtight goggles.

HAND PROTECTION: In the case of prolonged contact with the product, protect the hands with penetration-resistant work gloves. Work glove material must be chosen according to the use process and the products that may form. Latex gloves may cause sensitivity reactions.

SKIN PROTECTION: Wear category II professional long-sleeved overalls and safety footwear. Wash body with soap and water after removing protective clothing.

In the presence of risks of exposure to splashes or squirts during work, adequate mouth, nose and eye protection should be used to prevent accidental absorption.

RESPIRATORY PROTECTION:

Use a type P filtering facemask, whose class (1, 2 or 3) and effective need, must be defined according to the outcome of risk assessment.

ENVIRONMENTAL EXPOSURE CONTROLS:

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.



SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder
Odor:	Characteristic odor
Viscosity:	Not available
pH:	9.7-10.7 (when manufactured)
Gravity@25 °C:	Not available
Solubility in water:	Partially soluble
Pressurized Container	No
Type Container	Plastic Cup / Sachet

SECTION 11 - REACTIVITY DATA

Stability:	Stable in normal conditions of use and storage. The powders are potentially explosive when mixed with air.
Incompatibility:	Reducing Materials, Oxidizing Materials, Excessive heat or flame, Acids, Water.
Hazardous Decomposition:	Contaminated product will generate oxygen gas and ammonia. Excessive heat will urge to generate oxygen gas and ammonia.
Hazardous Polymerization:	Will not occur.

SECTION 12 - TOXICOLOGICAL INFORMATION

Sensitization to Product:	Sensitizing for the skin. Sensitizing for the respiratory system.
Carcinogenicity:	Ingredients are not listed as CMR substances.
Mutagenicity:	Ingredients are not listed as CMR substances.
Reproductive Effect:	Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility:	Not available
Accumulation:	Not available
Detoxification:	Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal:	Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorized waste management firm, in compliance with national and local regulations.
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CONTAMINATED PACKAGING:

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA (Air):	UN1479, Oxidizing Solid, N.O.S. Mixture, Class 5.1, PG III, Ltd. Qty.
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IMDG (Sea): UN1479, Oxidizing Solid, N.O.S. Mixture, Class 5.1, PG III, Ltd. Qty.

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 28 June, 2019
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co.,Ltd.

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Abbreviations: OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TWA Time Weighted Average
STEL Short Term Exposure Limit
ACGIH American Conference of Governmental Industrial Hygienists
TLV Threshold Limit Value
NIOSH National Institute for Occupational Safety and Health
REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



MATERIAL SAFETY DATA SHEET

SECTION 1 - MANUFACTURE AND PRODUCT IDENTIFICATION

Product Name: SOPHISTONE Processing Lotion 6.6vol.
 Product Use: Cosmetics (Hair Color Developer)
 Chemical Family: Mixture
 Manufacture's Name: MILBON (THAILAND) CO., LTD.
 Manufacture's Address: 7/380 MOO 6, MABYANGPORN, PLUAKDAENG, RAYONG 21140, THAILAND

SECTION 2 – INGREDIENTS

WATER/AQUA, HYDROGEN PEROXIDE, PHOSPHORIC ACID, PENTASODIUM PENTETATE

SECTION 3 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	OSHA (PEL)	ACGIH (TLV)	NIOSH (REL)	LD ⁵⁰	Maximum Composition
Hydrogen Peroxide	7722-84-1	1 ppm	1 ppm (TWA)	1 ppm (TWA)	1,518mg/kg (Rat-Oral)	< 2%
PHOSPHORIC ACID	7664-38-2	1 mg/m3	3 mg/m3 (STEL)	3 mg/m3 (STEL)	1530 mg/kg (Rat-Oral)	< 1%

SECTION 4 - HAZARD IDENTIFICATION

Routes of Entry: Skin, Eye, Ingestion, Inhalation
 Skin Contact: May cause irritation under normal conditions, will cause stinging and burning sensation to open cuts or abraded skin. This product contains ingredients which may cause skin irritation on certain individuals and a preliminary skin test should first be made.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated. This product must not be used for dyeing the eyelashes or eyebrows; to do so may cause blindness.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.
 Inhalation: May cause irritation to respiratory system resulting in hoarseness and tightness of throat in case of prolonged exposure.

SECTION 5 - FIRST AID MEASURES

Routes of Entry: Skin, Eye, Ingestion, Inhalation
 Skin Contact: May cause irritation under normal conditions, will cause stinging and burning sensation to open cuts or abraded skin. This product contains ingredients which may cause skin irritation on certain individuals and a preliminary skin test should first be made.
 Eye Contact: May cause redness, burning, stinging, possible serious injury or blindness if left untreated. This product must not be used for dyeing the eyelashes or eyebrows; to do so may cause blindness.
 Ingestion: May cause irritation in mouth, chest and stomach resulting in vomiting and shortness of breath.



Inhalation: May cause irritation to respiratory system resulting in hoarseness and tightness of throat in case of prolonged exposure.

SECTION 6 - FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not available
Auto Ignition Temp. (°C): Not available
Extinguishing Media: Water, Foam, Dry Chemical, CO₂

SECTION 7 - ACCIDENTAL RELEASE MEASURE

Spill/Leak Procedure: Scrape up material and place in suitable, labeled container. Flush area with plenty of water and detergent solution. Caution should be exercised as area will be slippery.

SECTION 8 - HANDLING AND STORAGE

Handling Procedures: Maintain good personal hygiene. Keep bulk covered.
Storage Requirements: Store in cool dry place. Keep Containers tightly closed when not in use. Avoid freezing, excessive heat or flame.

SECTION 9 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Type: Approved safety goggles or glasses

Respiratory/Type: Not required under normal use

Gloves/Type: Rubber/Latex/Nylon gloves

Clothing/Type: Rubber/Nylon apron

Footwear/Type: Approved safety shoe protection

Ventilation Requirements: General mechanical ventilator

SECTION 10 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid
Odor: Characteristic odor
Viscosity: Not available
pH: 2.0
Gravity@25 °C: Not available
Solubility in water: Soluble
Pressurized Container: No
Type Container: Plastic Bottle

SECTION 11 - REACTIVITY DATA

Stability: Stable
Incompatibility: Reducing Materials, Alkali, Excessive heat or flame
Hazardous Decomposition: Contaminated product will generate oxygen gas.
Excessive heat will urge to generate oxygen gas.
Hazardous Polymerization: Will not occur

SECTION 12 - TOXICOLOGICAL INFORMATION



Carcinogenicity: Ingredients are not listed as CMR substances.
Mutagenicity: Ingredients are not listed as CMR substances.
Reproductive Effect: Ingredients are not listed as CMR substances.

SECTION 13 - INFLUENCE ON ENVIRONMENT

Dissolubility: Not available
Accumulation: Not available
Detoxification: Not available

SECTION 14 - DISPOSAL INFORMATION

Waste Disposal: Dispose of according to National and Local regulations.

SECTION 15 - TRANSPORT INFORMATION

IATA : Not classified as dangerous goods
IMDG: Not classified as dangerous goods

SECTION 16 - OTHER INFORMATION

Date of Last Revision: 1st February, 2019
Revision Number: 1st
Prepared By: Central Research Institute, Milbon Co., Ltd.

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REL Recommended Exposure Limit
LD⁵⁰ Lethal dose 50 percent kill

-Nothing Follows-



SAFETY DATA SHEET

SDS No.: 24-052

Date: 21 August, 2024

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 009246

Product Name: MILBON CURL CONTROL CREAM 2

Chemical Family: Mixture

Intended use: Hair styling, Cosmetic

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication: Not applicable

Label elements

Hazard pictograms: Not applicable

Signal words: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	Chemical name	CAS number	%
PHENOXYETHANOL	2-phenoxyethanol	122-99-6	< 1%



ISOPROPYL ALCOHOL	isopropanol	67-63-0	< 1%
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Main Ingredients (INCI NAME):

WATER, SIMMONDSIA CHINENSIS (JOJOBA) SEED OIL, PROPYLENE GLYCOL, BUTYROSPERMUM PARKII (SHEA) BUTTER, SQUALANE

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. If irritation persists, get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Not applicable.

SECTION 5. Firefighting measures

Extinguishing media:

Suitable extinguishing media: In case of fire, use water mist, foam, dry powder, CO2 to extinguish.

Unsuitable extinguishing media: Unsuitable extinguishing media data is not available.

Specific hazards arising from the substance or mixture:

Specific hazards arising from the substance or mixture is not available.

Advice for firefighters:

Specific fire-fighting measures:

Evacuate non-essential personnel to safe area.

Special protective equipment and precautions for fire-fighters:

Firefighters should wear self-contained breathing apparatus with full face piece operated positive pressure mode.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Environmental precautions:

Prevent spills from entering sewers, watercourses or low areas.

Do not wash away into sewers or waterway.

Methods and material for containment and cleaning up

Sweep up, place in a bag and hold for waste disposal.

Fill the disposal into labelled, closable containers.

Preventive measures for secondary accident

Collect spillage.



SECTION 7. Handling and storage

Precautions for safe handling

Preventive measures:

Avoid contact with eyes.

Safety Measures:

Use personal protective equipment as required.

Any incompatibilities

No information available.

Advice on general occupational hygiene

Do not get in eyes, on skin, or on clothing.

Wash contaminated parts thoroughly after handling.

Do not eat, drink or smoke when using this product.

Take off contaminated clothing and wash it before reuse.

Wash hands thoroughly after handling.

External use only.

Storage

Conditions for safe storage

Store in cool and dry areas. Protect from heat and sunlight; store in places far from rain and humidity; never store outdoors. Store separately from other dangerous and incompatible substances.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

Chemical Name	Cas-No.	ACGIH TLV	OSHA PEL	NIOSH-REL
Isopropyl alcohol	67-63-0	TWA: 200ppm STEL: 400ppm	TWA: 400ppm, 980mg/m ³	TWA: 400ppm STEL: 500ppm

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Appropriate engineering controls:

Eye wash station should be available.

Washing facilities should be available.

Individual protection measures:

HAND PROTECTION: None required for product use.

SKIN PROTECTION: None required for product use.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: None required for product use.



SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Cream
Color	White
Odor	Characteristic
pH	4.8-5.8
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not Available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Partially Soluble
Partition coefficient:	Not available
auto-ignition temperature	Not available
Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available.

Conditions to avoid: Heat and sunlight, extremely cold place.

Incompatible materials: Information not available.

Hazardous decomposition products: Information not available.

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions. Assessed as safe with Skin Patch Test.

Information on toxicological effects:

Information on likely routes of exposure

SKIN: Prolong contact may cause skin irritation.

EYE: May cause eye irritation.



INGESTION: May be harmful if swallowed

Product;

- Acute toxicity (Oral): Classification not possible
- Acute toxicity (Dermal): Not classified
- Acute toxicity (Inhalation): Classification not possible
- Skin corrosion/irritation: Classification not possible
- Serious eye damage/irritation: Classification not possible
- Respiratory sensitization: Classification not possible
- Skin sensitization: Classification not possible
- Germ cell mutagenicity: Classification not possible
- Carcinogenicity: Classification not possible
- Reproductive toxicity: Classification not possible
- STOT-single exposure: Classification not possible
- STOT-repeated exposure: Classification not possible
- Aspiration hazard: Classification not possible

Components; published information / Table 3 of Annex VI to the CLP Regulations

Chemical Name	CAS-No	ACUTE TOXICOLOGY DATA			Skin corrosion/ irritation	Eye damage/ irritation	Skin sensitization
		Oral	Dermal	Inhalation			
2-phenoxyethanol	122-99-6	Category 4				Category 1	
Isopropyl alcohol	67-63-0					Category 2	

SECTION 12. Ecological information

- Aquatic toxicity: No information available.
- Water solubility: No information available.
- Persistence and degradability: No information available.
- Bioaccumulative potential: No information available.
- Mobility: No information available.
- Other adverse effects: No information available.

SECTION 13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.

Waste treatment methods:

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packing:



Dispose of container after using the contents completely.

SECTION 14. Transport information

ADR / RID: Not classified as dangerous goods

MDG: Not classified as dangerous goods

IATA: Not classified as dangerous goods

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

Other regulatory information:

We are not able to check up the regulatory information with regard to the substances in your country or region, therefore, we request this matter would be filled by your responsibility.

SECTION 16. Other information

References and sources for data:

Globally Harmonized System of classification and labelling of chemicals, UN

Recommendations on the TRANSPORT OF DANGEROUS GOODS 21th edit., 2019 UN

IMDG Code, 2018 Edition (Incorporating Amendment 39-18)

IATA Dangerous Goods Regulations (65th Edition) 2024

2020 EMERGENCY RESPONSE GUIDEBOOK (US DOT)

2022 TLVs and BEIs. (ACGIH)

Supplier's data/information

Hazard Communication Standard - 2012 (29 CFR 1910.1200)

General Disclaimer

The GHS classification data given here is based on current EU official data (Consolidated version of the CLP Regulation published in 1.3.2022 and Commission delegated regulation (EU) 2021/849 (ATP17)) & US Hazard Communication Standard - 2012.

THIS INFORMATION AS MENTIONED HEREINABOVE IS GIVEN IN GOOD FAITH AND IS BASED ON TECHNICAL INFORMATION WHICH WE BELIEVE TO BE RELIABLE AND ACCURATE. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE.

-Nothing Follows-



SAFETY DATA SHEET

SDS No.: 24-049

Date: 21 August, 2024

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 009242

Product Name: MILBON CURL CARE TREATMENT

Chemical Family: Mixture

Intended use: Hair Conditioner, Cosmetic

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication: Not applicable

Label elements

Hazard pictograms: Not applicable

Signal words: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	Chemical name	CAS number	%
PHENOXYETHANOL	2-phenoxyethanol	122-99-6	< 1%



ISOPROPYL ALCOHOL	isopropanol	67-63-0	< 1%
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Main Ingredients (INCI NAME):

WATER, STEARYL ALCOHOL, CETYL ALCOHOL, BEHENTRIMONIUM CHLORIDE, ISOPENTYLDIOL

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. If irritation persists, get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Not applicable.

SECTION 5. Firefighting measures

Extinguishing media:

Suitable extinguishing media: In case of fire, use water mist, foam, dry powder, CO2 to extinguish.

Unsuitable extinguishing media: Unsuitable extinguishing media data is not available.

Specific hazards arising from the substance or mixture:

Specific hazards arising from the substance or mixture is not available.

Advice for firefighters:

Specific fire-fighting measures:

Evacuate non-essential personnel to safe area.

Special protective equipment and precautions for fire-fighters:

Firefighters should wear self-contained breathing apparatus with full face piece operated positive pressure mode.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Environmental precautions:

Prevent spills from entering sewers, watercourses or low areas.

Do not wash away into sewers or waterway.

Methods and material for containment and cleaning up

Sweep up, place in a bag and hold for waste disposal.

Fill the disposal into labelled, closable containers.

Preventive measures for secondary accident

Collect spillage.

SECTION 7. Handling and storage

Precautions for safe handling



Preventive measures:

Avoid contact with eyes.

Safety Measures:

Use personal protective equipment as required.

Any incompatibilities

No information available.

Advice on general occupational hygiene

Do not get in eyes, on skin, or on clothing.

Wash contaminated parts thoroughly after handling.

Do not eat, drink or smoke when using this product.

Take off contaminated clothing and wash it before reuse.

Wash hands thoroughly after handling.

External use only.

Storage

Conditions for safe storage

Store in cool and dry areas. Protect from heat and sunlight; store in places far from rain and humidity; never store outdoors. Store separately from other dangerous and incompatible substances.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

Chemical Name	Cas-No.	ACGIH TLV	OSHA PEL	NIOSH-REL
Isopropyl alcohol	67-63-0	TWA: 200ppm STEL: 400ppm	TWA: 400ppm, 980mg/m3	TWA: 400ppm STEL: 500ppm

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Appropriate engineering controls:

Eye wash station should be available.

Washing facilities should be available.

Individual protection measures:

HAND PROTECTION: None required for product use.

SKIN PROTECTION: None required for product use.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: None required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties



Appearance	Cream
Color	White
Odor	Characteristic
pH	3.9-4.3
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not Available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Partially Soluble
Partition coefficient:	Not available
auto-ignition temperature	Not available
Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available.

Conditions to avoid: Heat and sunlight, extremely cold place.

Incompatible materials: Information not available.

Hazardous decomposition products: Information not available.

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions. Assessed as safe with Skin Patch Test.

Information on toxicological effects:

Information on likely routes of exposure

SKIN: Prolong contact may cause skin irritation.

EYE: May cause eye irritation.

INGESTION: May be harmful if swallowed



Product;

- Acute toxicity (Oral): Classification not possible
- Acute toxicity (Dermal): Not classified
- Acute toxicity (Inhalation): Classification not possible
- Skin corrosion/irritation: Classification not possible
- Serious eye damage/irritation: Classification not possible
- Respiratory sensitization: Classification not possible
- Skin sensitization: Classification not possible
- Germ cell mutagenicity: Classification not possible
- Carcinogenicity: Classification not possible
- Reproductive toxicity: Classification not possible
- STOT-single exposure: Classification not possible
- STOT-repeated exposure: Classification not possible
- Aspiration hazard: Classification not possible

Components; published information / Table 3 of Annex VI to the CLP Regulations

Chemical Name	CAS-No	ACUTE TOXICOLOGY DATA			Skin corrosion/ irritation	Eye damage/ irritation	Skin sensitization
		Oral	Dermal	Inhalation			
2-phenoxyethanol	122-99-6	Category 4				Category 1	
Isopropyl alcohol	67-63-0					Category 2	

SECTION 12. Ecological information

- Aquatic toxicity: No information available.
- Water solubility: No information available.
- Persistence and degradability: No information available.
- Bioaccumulative potential: No information available.
- Mobility: No information available.
- Other adverse effects: No information available.

SECTION 13. Disposal considerations

- Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.
- Waste treatment methods:
 - Disposal should be in accordance with applicable regional, national and local laws and regulations.
- Contaminated packing:
 - Dispose of container after using the contents completely.



SECTION 14. Transport information

ADR / RID: Not classified as dangerous goods

MDG: Not classified as dangerous goods

IATA: Not classified as dangerous goods

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

Other regulatory information:

We are not able to check up the regulatory information with regard to the substances in your country or region, therefore, we request this matter would be filled by your responsibility.

SECTION 16. Other information

References and sources for data:

Globally Harmonized System of classification and labelling of chemicals, UN

Recommendations on the TRANSPORT OF DANGEROUS GOODS 21th edit., 2019 UN

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IATA Dangerous Goods Regulations (65th Edition) 2024

2020 EMERGENCY RESPONSE GUIDEBOOK (US DOT)

2022 TLVs and BEIs. (ACGIH)

Supplier's data/information

Hazard Communication Standard - 2012 (29 CFR 1910.1200)

General Disclaimer

The GHS classification data given here is based on current EU official data (Consolidated version of the CLP Regulation published in 1.3.2022 and Commission delegated regulation (EU) 2021/849 (ATP17)) & US Hazard Communication Standard - 2012.

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-Nothing Follows-



SAFETY DATA SHEET

SDS No.: 24-048

Date: 21 August, 2024

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 009241

Product Name: MILBON CURL CARE SHAMPOO

Chemical Family: Mixture

Intended use: Shampoo, Cosmetic

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication: Not applicable

Label elements

Hazard pictograms: Not applicable

Signal words: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	Chemical name	CAS number	%
PHENOXYETHANOL	2-phenoxyethanol	122-99-6	< 1%



Main Ingredients (INCI NAME):

WATER, SODIUM C14-16 OLEFIN SULFONATE, SODIUM LAURETH-6 CARBOXYLATE, LAURAMIDOPROPYL BETAINE, COCAMIDE METHYL MEA

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. If irritation persists, get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Not applicable.

SECTION 5. Firefighting measures

Extinguishing media:

Suitable extinguishing media: In case of fire, use water mist, foam, dry powder, CO2 to extinguish.

Unsuitable extinguishing media: Unsuitable extinguishing media data is not available.

Specific hazards arising from the substance or mixture:

Specific hazards arising from the substance or mixture is not available.

Advice for firefighters:

Specific fire-fighting measures:

Evacuate non-essential personnel to safe area.

Special protective equipment and precautions for fire-fighters:

Firefighters should wear self-contained breathing apparatus with full face piece operated positive pressure mode.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Environmental precautions:

Prevent spills from entering sewers, watercourses or low areas.

Do not wash away into sewers or waterway.

Methods and material for containment and cleaning up

Sweep up, place in a bag and hold for waste disposal.

Fill the disposal into labelled, closable containers.

Preventive measures for secondary accident

Collect spillage.

SECTION 7. Handling and storage

Precautions for safe handling



Preventive measures:

Avoid contact with eyes.

Safety Measures:

Use personal protective equipment as required.

Any incompatibilities

No information available.

Advice on general occupational hygiene

Do not get in eyes, on skin, or on clothing.

Wash contaminated parts thoroughly after handling.

Do not eat, drink or smoke when using this product.

Take off contaminated clothing and wash it before reuse.

Wash hands thoroughly after handling.

External use only.

Storage

Conditions for safe storage

Store in cool and dry areas. Protect from heat and sunlight; store in places far from rain and humidity; never store outdoors. Store separately from other dangerous and incompatible substances.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

Chemical Name	Cas-No.	ACGIH TLV	OSHA PEL	NIOSH-REL

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Appropriate engineering controls:

Eye wash station should be available.

Washing facilities should be available.

Individual protection measures:

HAND PROTECTION: None required for product use.

SKIN PROTECTION: None required for product use.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: None required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties



Appearance	Liquid
Color	White
Odor	Characteristic
pH	4.9-5.4
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not Available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Soluble
Partition coefficient:	Not available
auto-ignition temperature	Not available
Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available.

Conditions to avoid: Heat and sunlight, extremely cold place.

Incompatible materials: Information not available.

Hazardous decomposition products: Information not available.

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions. Assessed as safe with Skin Patch Test.

Information on toxicological effects:

Information on likely routes of exposure

SKIN: Prolong contact may cause skin irritation.

EYE: May cause eye irritation.

INGESTION: May be harmful if swallowed

Product;



Acute toxicity (Oral): Classification not possible
Acute toxicity (Dermal): Not classified
Acute toxicity (Inhalation): Classification not possible
Skin corrosion/irritation: Classification not possible
Serious eye damage/irritation: Classification not possible
Respiratory sensitization: Classification not possible
Skin sensitization: Classification not possible
Germ cell mutagenicity: Classification not possible
Carcinogenicity: Classification not possible
Reproductive toxicity: Classification not possible
STOT-single exposure: Classification not possible
STOT-repeated exposure: Classification not possible
Aspiration hazard: Classification not possible

Components; published information / Table 3 of Annex VI to the CLP Regulations

Chemical Name	CAS-No	ACUTE TOXICOLOGY DATA			Skin corrosion/ irritation	Eye damage/ irritation	Skin sensitization
		Oral	Dermal	Inhalation			
2-phenoxyethanol	122-99-6	Category 4				Category 1	

SECTION 12. Ecological information

Aquatic toxicity: No information available.
Water solubility: No information available.
Persistence and degradability: No information available.
Bioaccumulative potential: No information available.
Mobility: No information available.
Other adverse effects: No information available.

SECTION 13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.
Waste treatment methods:
Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packing:
Dispose of container after using the contents completely.

SECTION 14. Transport information

ADR / RID: Not classified as dangerous goods



MDG: Not classified as dangerous goods

IATA: Not classified as dangerous goods

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

Other regulatory information:

We are not able to check up the regulatory information with regard to the substances in your country or region, therefore, we request this matter would be filled by your responsibility.

SECTION 16. Other information

References and sources for data:

Globally Harmonized System of classification and labelling of chemicals, UN

Recommendations on the TRANSPORT OF DANGEROUS GOODS 21th edit., 2019 UN

IMDG Code, 2018 Edition (Incorporating Amendment 39-18)

IATA Dangerous Goods Regulations (65th Edition) 2024

2020 EMERGENCY RESPONSE GUIDEBOOK (US DOT)

2022 TLVs and BEIs. (ACGIH)

Supplier's data/information

Hazard Communication Standard - 2012 (29 CFR 1910.1200)

General Disclaimer

The GHS classification data given here is based on current EU official data (Consolidated version of the CLP Regulation published in 1.3.2022 and Commission delegated regulation (EU) 2021/849 (ATP17)) & US Hazard Communication Standard - 2012.

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-Nothing Follows-



SAFETY DATA SHEET

SDS No.: 24-051

Date: 21 August, 2024

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 009244

Product Name: MILBON CURL CARE LEAVE-IN TREATMENT

Chemical Family: Mixture

Intended use: Leave- in hair treatment, Cosmetic

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication: Not applicable

Label elements

Hazard pictograms: Not applicable

Signal words: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	Chemical name	CAS number	%
PHENOXYETHANOL	2-phenoxyethanol	122-99-6	< 1%



ISOPROPYL ALCOHOL	isopropanol	67-63-0	< 1%
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Main Ingredients (INCI NAME):

WATER, GLYCERIN, SQUALANE, CETYL ALCOHOL, STEARYL ALCOHOL

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. If irritation persists, get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Not applicable.

SECTION 5. Firefighting measures

Extinguishing media:

Suitable extinguishing media: In case of fire, use water mist, foam, dry powder, CO2 to extinguish.

Unsuitable extinguishing media: Unsuitable extinguishing media data is not available.

Specific hazards arising from the substance or mixture:

Specific hazards arising from the substance or mixture is not available.

Advice for firefighters:

Specific fire-fighting measures:

Evacuate non-essential personnel to safe area.

Special protective equipment and precautions for fire-fighters:

Firefighters should wear self-contained breathing apparatus with full face piece operated positive pressure mode.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Environmental precautions:

Prevent spills from entering sewers, watercourses or low areas.

Do not wash away into sewers or waterway.

Methods and material for containment and cleaning up

Sweep up, place in a bag and hold for waste disposal.

Fill the disposal into labelled, closable containers.

Preventive measures for secondary accident

Collect spillage.

SECTION 7. Handling and storage



Precautions for safe handling

Preventive measures:

Avoid contact with eyes.

Safety Measures:

Use personal protective equipment as required.

Any incompatibilities

No information available.

Advice on general occupational hygiene

Do not get in eyes, on skin, or on clothing.

Wash contaminated parts thoroughly after handling.

Do not eat, drink or smoke when using this product.

Take off contaminated clothing and wash it before reuse.

Wash hands thoroughly after handling.

External use only.

Storage

Conditions for safe storage

Store in cool and dry areas. Protect from heat and sunlight; store in places far from rain and humidity; never store outdoors. Store separately from other dangerous and incompatible substances.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

Chemical Name	Cas-No.	ACGIH TLV	OSHA PEL	NIOSH-REL
Isopropyl alcohol	67-63-0	TWA: 200ppm STEL: 400ppm	TWA: 400ppm, 980mg/m3	TWA: 400ppm STEL: 500ppm

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Appropriate engineering controls:

Eye wash station should be available.

Washing facilities should be available.

Individual protection measures:

HAND PROTECTION: None required for product use.

SKIN PROTECTION: None required for product use.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: None required for product use.

SECTION 9. Physical and chemical properties



Information on basic physical and chemical properties

Appearance	Cream
Color	White
Odor	Characteristic
pH	4.4-5.3
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not Available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Partially Soluble
Partition coefficient:	Not available
auto-ignition temperature	Not available
Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available.

Conditions to avoid: Heat and sunlight, extremely cold place.

Incompatible materials: Information not available.

Hazardous decomposition products: Information not available.

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions. Assessed as safe with Skin Patch Test.

Information on toxicological effects:

Information on likely routes of exposure

SKIN: Prolong contact may cause skin irritation.

EYE: May cause eye irritation.

INGESTION: May be harmful if swallowed



Product;

- Acute toxicity (Oral): Classification not possible
- Acute toxicity (Dermal): Not classified
- Acute toxicity (Inhalation): Classification not possible
- Skin corrosion/irritation: Classification not possible
- Serious eye damage/irritation: Classification not possible
- Respiratory sensitization: Classification not possible
- Skin sensitization: Classification not possible
- Germ cell mutagenicity: Classification not possible
- Carcinogenicity: Classification not possible
- Reproductive toxicity: Classification not possible
- STOT-single exposure: Classification not possible
- STOT-repeated exposure: Classification not possible
- Aspiration hazard: Classification not possible

Components; published information / Table 3 of Annex VI to the CLP Regulations

Chemical Name	CAS-No	ACUTE TOXICOLOGY DATA			Skin corrosion/irritation	Eye damage/irritation	Skin sensitization
		Oral	Dermal	Inhalation			
2-phenoxyethanol	122-99-6	Category 4				Category 1	
Isopropyl alcohol	67-63-0					Category 2	

SECTION 12. Ecological information

- Aquatic toxicity: No information available.
- Water solubility: No information available.
- Persistence and degradability: No information available.
- Bioaccumulative potential: No information available.
- Mobility: No information available.
- Other adverse effects: No information available.

SECTION 13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.

Waste treatment methods:

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packing:

Dispose of container after using the contents completely.



SECTION 14. Transport information

ADR / RID: Not classified as dangerous goods

MDG: Not classified as dangerous goods

IATA: Not classified as dangerous goods

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

Other regulatory information:

We are not able to check up the regulatory information with regard to the substances in your country or region, therefore, we request this matter would be filled by your responsibility.

SECTION 16. Other information

References and sources for data:

Globally Harmonized System of classification and labelling of chemicals, UN

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2022 TLVs and BEIs. (ACGIH)

Supplier's data/information

Hazard Communication Standard - 2012 (29 CFR 1910.1200)

General Disclaimer

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-Nothing Follows-



SAFETY DATA SHEET

SDS No.: 24-050

Date: 21 August, 2024

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 009243

Product Name: MILBON CURL CARE ENRICHED TREATMENT

Chemical Family: Mixture

Intended use: Hair Conditioner, Cosmetic

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication: Not applicable

Label elements

Hazard pictograms: Not applicable

Signal words: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	Chemical name	CAS number	%
PHENOXYETHANOL	2-phenoxyethanol	122-99-6	< 1%



ISOPROPYL ALCOHOL	isopropanol	67-63-0	< 1%
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Main Ingredients (INCI NAME):

WATER, STEARYL ALCOHOL, PENTAERYTHRITYL TETRAETHYLHEXANOATE, PETROLATUM, BEHENTRIMONIUM CHLORIDE

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. If irritation persists, get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Not applicable.

SECTION 5. Firefighting measures

Extinguishing media:

Suitable extinguishing media: In case of fire, use water mist, foam, dry powder, CO2 to extinguish.

Unsuitable extinguishing media: Unsuitable extinguishing media data is not available.

Specific hazards arising from the substance or mixture:

Specific hazards arising from the substance or mixture is not available.

Advice for firefighters:

Specific fire-fighting measures:

Evacuate non-essential personnel to safe area.

Special protective equipment and precautions for fire-fighters:

Firefighters should wear self-contained breathing apparatus with full face piece operated positive pressure mode.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Environmental precautions:

Prevent spills from entering sewers, watercourses or low areas.

Do not wash away into sewers or waterway.

Methods and material for containment and cleaning up

Sweep up, place in a bag and hold for waste disposal.

Fill the disposal into labelled, closable containers.

Preventive measures for secondary accident

Collect spillage.

SECTION 7. Handling and storage



Precautions for safe handling

Preventive measures:

Avoid contact with eyes.

Safety Measures:

Use personal protective equipment as required.

Any incompatibilities

No information available.

Advice on general occupational hygiene

Do not get in eyes, on skin, or on clothing.

Wash contaminated parts thoroughly after handling.

Do not eat, drink or smoke when using this product.

Take off contaminated clothing and wash it before reuse.

Wash hands thoroughly after handling.

External use only.

Storage

Conditions for safe storage

Store in cool and dry areas. Protect from heat and sunlight; store in places far from rain and humidity; never store outdoors. Store separately from other dangerous and incompatible substances.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

Chemical Name	Cas-No.	ACGIH TLV	OSHA PEL	NIOSH-REL
Isopropyl alcohol	67-63-0	TWA: 200ppm STEL: 400ppm	TWA: 400ppm, 980mg/m3	TWA: 400ppm STEL: 500ppm

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Appropriate engineering controls:

Eye wash station should be available.

Washing facilities should be available.

Individual protection measures:

HAND PROTECTION: None required for product use.

SKIN PROTECTION: None required for product use.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: None required for product use.

SECTION 9. Physical and chemical properties



Information on basic physical and chemical properties

Appearance	Cream
Color	White
Odor	Characteristic
pH	3.8-4.8
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not Available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Partially Soluble
Partition coefficient:	Not available
auto-ignition temperature	Not available
Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available.

Conditions to avoid: Heat and sunlight, extremely cold place.

Incompatible materials: Information not available.

Hazardous decomposition products: Information not available.

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions. Assessed as safe with Skin Patch Test.

Information on toxicological effects:

Information on likely routes of exposure

SKIN: Prolong contact may cause skin irritation.

EYE: May cause eye irritation.

INGESTION: May be harmful if swallowed



Product;

- Acute toxicity (Oral): Classification not possible
- Acute toxicity (Dermal): Not classified
- Acute toxicity (Inhalation): Classification not possible
- Skin corrosion/irritation: Classification not possible
- Serious eye damage/irritation: Classification not possible
- Respiratory sensitization: Classification not possible
- Skin sensitization: Classification not possible
- Germ cell mutagenicity: Classification not possible
- Carcinogenicity: Classification not possible
- Reproductive toxicity: Classification not possible
- STOT-single exposure: Classification not possible
- STOT-repeated exposure: Classification not possible
- Aspiration hazard: Classification not possible

Components; published information / Table 3 of Annex VI to the CLP Regulations

Chemical Name	CAS-No	ACUTE TOXICOLOGY DATA			Skin corrosion/ irritation	Eye damage/ irritation	Skin sensitization
		Oral	Dermal	Inhalation			
2-phenoxyethanol	122-99-6	Category 4				Category 1	
Isopropyl alcohol	67-63-0					Category 2	

SECTION 12. Ecological information

- Aquatic toxicity: No information available.
- Water solubility: No information available.
- Persistence and degradability: No information available.
- Bioaccumulative potential: No information available.
- Mobility: No information available.
- Other adverse effects: No information available.

SECTION 13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.

Waste treatment methods:

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packing:

Dispose of container after using the contents completely.



SECTION 14. Transport information

ADR / RID: Not classified as dangerous goods

MDG: Not classified as dangerous goods

IATA: Not classified as dangerous goods

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

Other regulatory information:

We are not able to check up the regulatory information with regard to the substances in your country or region, therefore, we request this matter would be filled by your responsibility.

SECTION 16. Other information

References and sources for data:

Globally Harmonized System of classification and labelling of chemicals, UN

Recommendations on the TRANSPORT OF DANGEROUS GOODS 21th edit., 2019 UN

IMDG Code, 2018 Edition (Incorporating Amendment 39-18)

IATA Dangerous Goods Regulations (65th Edition) 2024

2020 EMERGENCY RESPONSE GUIDEBOOK (US DOT)

2022 TLVs and BEIs. (ACGIH)

Supplier's data/information

Hazard Communication Standard - 2012 (29 CFR 1910.1200)

General Disclaimer

The GHS classification data given here is based on current EU official data (Consolidated version of the CLP Regulation published in 1.3.2022 and Commission delegated regulation (EU) 2021/849 (ATP17)) & US Hazard Communication Standard - 2012.

THIS INFORMATION AS MENTIONED HEREIN ABOVE IS GIVEN IN GOOD FAITH AND IS BASED ON TECHNICAL INFORMATION WHICH WE BELIEVE TO BE RELIABLE AND ACCURATE. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE.

-Nothing Follows-



SAFETY DATA SHEET

SDS No.: 24-032

Date: 5 April, 2024

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 009342

Product Name: MILBON & VELVET TEXTURIZING CREAM

Chemical Family: Mixture

Intended use: Hair styling, Cosmetic

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication: Not applicable

Label elements

Hazard pictograms: Not applicable

Signal words: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	Chemical name	CAS number	%
PHENOXYETHANOL	2-phenoxyethanol	122-99-6	< 1%



Main Ingredients (INCI NAME):

WATER, DIMETHICONE, PROPYLENE GLYCOL, HYDROXYPROPYL STARCH PHOSPHATE, MICROCRYSTALLINE WAX

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. If irritation persists, get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Not applicable.

SECTION 5. Firefighting measures

Extinguishing media:

Suitable extinguishing media: In case of fire, use water mist, foam, dry powder, CO2 to extinguish.

Unsuitable extinguishing media: Unsuitable extinguishing media data is not available.

Specific hazards arising from the substance or mixture:

Specific hazards arising from the substance or mixture is not available.

Advice for firefighters:

Specific fire-fighting measures:

Evacuate non-essential personnel to safe area.

Special protective equipment and precautions for fire-fighters:

Firefighters should wear self-contained breathing apparatus with full face piece operated positive pressure mode.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Environmental precautions:

Prevent spills from entering sewers, watercourses or low areas.

Do not wash away into sewers or waterway.

Methods and material for containment and cleaning up

Sweep up, place in a bag and hold for waste disposal.

Fill the disposal into labelled, closable containers.

Preventive measures for secondary accident

Collect spillage.

SECTION 7. Handling and storage



Precautions for safe handling

Preventive measures:

Avoid contact with eyes.

Safety Measures:

Use personal protective equipment as required.

Any incompatibilities

No information available.

Advice on general occupational hygiene

Do not get in eyes, on skin, or on clothing.

Wash contaminated parts thoroughly after handling.

Do not eat, drink or smoke when using this product.

Take off contaminated clothing and wash it before reuse.

Wash hands thoroughly after handling.

External use only.

Storage

Conditions for safe storage

Store in cool and dry areas. Protect from heat and sunlight; store in places far from rain and humidity; never store outdoors. Store separately from other dangerous and incompatible substances.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

Chemical Name	Cas-No.	ACGIH TLV	OSHA PEL	NIOSH-REL
-	-	-	-	-

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Appropriate engineering controls:

Eye wash station should be available.

Washing facilities should be available.

Individual protection measures:

HAND PROTECTION: None required for product use.

SKIN PROTECTION: None required for product use.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: None required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties



Appearance	Cream
Color	White
Odor	Characteristic
pH	6.1 - 6.3
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not Available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Partially Soluble
Partition coefficient:	Not available
auto-ignition temperature	Not available
Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available.

Conditions to avoid: Heat and sunlight, extremely cold place.

Incompatible materials: Information not available.

Hazardous decomposition products: Information not available.

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions. Assessed as safe with Skin Patch Test.

Information on toxicological effects:

Information on likely routes of exposure

SKIN: Prolong contact may cause skin irritation.

EYE: May cause eye irritation.

INGESTION: May be harmful if swallowed



Product;

- Acute toxicity (Oral): Classification not possible
- Acute toxicity (Dermal): Not classified
- Acute toxicity (Inhalation): Classification not possible
- Skin corrosion/irritation: Classification not possible
- Serious eye damage/irritation: Classification not possible
- Respiratory sensitization: Classification not possible
- Skin sensitization: Classification not possible
- Germ cell mutagenicity: Classification not possible
- Carcinogenicity: Classification not possible
- Reproductive toxicity: Classification not possible
- STOT-single exposure: Classification not possible
- STOT-repeated exposure: Classification not possible
- Aspiration hazard: Classification not possible

Components; published information / Table 3 of Annex VI to the CLP Regulations

Chemical Name	CAS-No	ACUTE TOXICOLOGY DATA			Skin corrosion/ irritation	Eye damage/ irritation	Skin sensitization
		Oral	Dermal	Inhalation			
2-phenoxyethanol	122-99-6	Category 4				Category 1	

SECTION 12. Ecological information

- Aquatic toxicity: No information available.
- Water solubility: No information available.
- Persistence and degradability: No information available.
- Bioaccumulative potential: No information available.
- Mobility: No information available.
- Other adverse effects: No information available.

SECTION 13. Disposal considerations

- Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.
- Waste treatment methods:
 - Disposal should be in accordance with applicable regional, national and local laws and regulations.
- Contaminated packing:
 - Dispose of container after using the contents completely.

SECTION 14. Transport information



ADR / RID: Not classified as dangerous goods

MDG: Not classified as dangerous goods

IATA: Not classified as dangerous goods

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

Other regulatory information:

We are not able to check up the regulatory information with regard to the substances in your country or region, therefore, we request this matter would be filled by your responsibility.

SECTION 16. Other information

References and sources for data:

Globally Harmonized System of classification and labelling of chemicals, UN

Recommendations on the TRANSPORT OF DANGEROUS GOODS 21th edit., 2019 UN

IMDG Code, 2018 Edition (Incorporating Amendment 39-18)

IATA Dangerous Goods Regulations (65th Edition) 2024

2020 EMERGENCY RESPONSE GUIDEBOOK (US DOT)

2022 TLVs and BEIs. (ACGIH)

Supplier's data/information

Hazard Communication Standard - 2012 (29 CFR 1910.1200)

General Disclaimer

The GHS classification data given here is based on current EU official data (Consolidated version of the CLP Regulation published in 1.3.2022 and Commission delegated regulation (EU) 2021/849 (ATP17)) & US Hazard Communication Standard - 2012.

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-Nothing Follows-



SAFETY DATA SHEET

SDS No.: 24-031

Date: 5 April, 2024

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 009343

Product Name: MILBON & PUFF FINISHING PASTE

Chemical Family: Mixture

Intended use: Hair styling, Cosmetic

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication: Not applicable

Label elements

Hazard pictograms: Not applicable

Signal words: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	Chemical name	CAS number	%
PHENOXYETHANOL	2-phenoxyethanol	122-99-6	< 1%



Main Ingredients (INCI NAME):

WATER, KAOLIN, DIMETHICONE, PROPYLENE GLYCOL, MINERAL OIL

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. If irritation persists, get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Not applicable.

SECTION 5. Firefighting measures

Extinguishing media:

Suitable extinguishing media: In case of fire, use water mist, foam, dry powder, CO2 to extinguish.

Unsuitable extinguishing media: Unsuitable extinguishing media data is not available.

Specific hazards arising from the substance or mixture:

Specific hazards arising from the substance or mixture is not available.

Advice for firefighters:

Specific fire-fighting measures:

Evacuate non-essential personnel to safe area.

Special protective equipment and precautions for fire-fighters:

Firefighters should wear self-contained breathing apparatus with full face piece operated positive pressure mode.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Environmental precautions:

Prevent spills from entering sewers, watercourses or low areas.

Do not wash away into sewers or waterway.

Methods and material for containment and cleaning up

Sweep up, place in a bag and hold for waste disposal.

Fill the disposal into labelled, closable containers.

Preventive measures for secondary accident

Collect spillage.

SECTION 7. Handling and storage

Precautions for safe handling



Preventive measures:

Avoid contact with eyes.

Safety Measures:

Use personal protective equipment as required.

Any incompatibilities

No information available.

Advice on general occupational hygiene

Do not get in eyes, on skin, or on clothing.

Wash contaminated parts thoroughly after handling.

Do not eat, drink or smoke when using this product.

Take off contaminated clothing and wash it before reuse.

Wash hands thoroughly after handling.

External use only.

Storage

Conditions for safe storage

Store in cool and dry areas. Protect from heat and sunlight; store in places far from rain and humidity; never store outdoors. Store separately from other dangerous and incompatible substances.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

Chemical Name	Cas-No.	ACGIH TLV	OSHA PEL	NIOSH-REL
-	-	-	-	-

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Appropriate engineering controls:

Eye wash station should be available.

Washing facilities should be available.

Individual protection measures:

HAND PROTECTION: None required for product use.

SKIN PROTECTION: None required for product use.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: None required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties



Appearance	Cream
Color	Pale Gray
Odor	Characteristic
pH	5.9 - 6.2
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not Available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Partially Soluble
Partition coefficient:	Not available
auto-ignition temperature	Not available
Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available.

Conditions to avoid: Heat and sunlight, extremely cold place.

Incompatible materials: Information not available.

Hazardous decomposition products: Information not available.

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions. Assessed as safe with Skin Patch Test.

Information on toxicological effects:

Information on likely routes of exposure

SKIN: Prolong contact may cause skin irritation.

EYE: May cause eye irritation.

INGESTION: May be harmful if swallowed

Product;



Acute toxicity (Oral): Classification not possible
Acute toxicity (Dermal): Not classified
Acute toxicity (Inhalation): Classification not possible
Skin corrosion/irritation: Classification not possible
Serious eye damage/irritation: Classification not possible
Respiratory sensitization: Classification not possible
Skin sensitization: Classification not possible
Germ cell mutagenicity: Classification not possible
Carcinogenicity: Classification not possible
Reproductive toxicity: Classification not possible
STOT-single exposure: Classification not possible
STOT-repeated exposure: Classification not possible
Aspiration hazard: Classification not possible

Components; published information / Table 3 of Annex VI to the CLP Regulations

Chemical Name	CAS-No	ACUTE TOXICOLOGY DATA			Skin corrosion/ irritation	Eye damage/ irritation	Skin sensitization
		Oral	Dermal	Inhalation			
2-phenoxyethanol	122-99-6	Category 4				Category 1	

SECTION 12. Ecological information

Aquatic toxicity: No information available.
Water solubility: No information available.
Persistence and degradability: No information available.
Bioaccumulative potential: No information available.
Mobility: No information available.
Other adverse effects: No information available.

SECTION 13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.
Waste treatment methods:
Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packing:
Dispose of container after using the contents completely.

SECTION 14. Transport information

ADR / RID: Not classified as dangerous goods



MDG: Not classified as dangerous goods

IATA: Not classified as dangerous goods

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

Other regulatory information:

We are not able to check up the regulatory information with regard to the substances in your country or region, therefore, we request this matter would be filled by your responsibility.

SECTION 16. Other information

References and sources for data:

Globally Harmonized System of classification and labelling of chemicals, UN

Recommendations on the TRANSPORT OF DANGEROUS GOODS 21th edit., 2019 UN

IMDG Code, 2018 Edition (Incorporating Amendment 39-18)

IATA Dangerous Goods Regulations (65th Edition) 2024

2020 EMERGENCY RESPONSE GUIDEBOOK (US DOT)

2022 TLVs and BEIs. (ACGIH)

Supplier's data/information

Hazard Communication Standard - 2012 (29 CFR 1910.1200)

General Disclaimer

The GHS classification data given here is based on current EU official data (Consolidated version of the CLP Regulation published in 1.3.2022 and Commission delegated regulation (EU) 2021/849 (ATP17)) & US Hazard Communication Standard - 2012.

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-Nothing Follows-



SAFETY DATA SHEET

SDS No.: 24-033_2

Date: 25 June, 2024

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 009341

Product Name: MILBON & FROTH BLOWOUT FOAM

Chemical Family: Mixture

Intended use: Hair styling, Cosmetic

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication:

Flammable aerosols - category 1

Label elements

Hazard pictograms:



Signal words: WARNING

Hazard statements:

H222 Extremely flammable aerosol

Precautionary statements:

P210 Keep away from heat, hot surface, sparks, open flames and other ignition sources. - No smoking.

P211 Do not spray on an open flame or other ignition source.



P251 Pressurized container: Do not pierce or burn, even after use.

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	Chemical name	CAS number	%
BUTANE	Butane	106-97-8	< 3%
ISOBUTANE	Isobutane	75-28-5	< 3%
PROPANE	Propane	74-98-6	< 3%
PHENOXYETHANOL	2-phenoxyethanol	122-99-6	< 1%

Main Ingredients (INCI NAME):

WATER, BUTANE, ISOBUTANE, PROPANE, CETYL ALCOHOL

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. If irritation persists, get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Not applicable.

SECTION 5. Firefighting measures

Extinguishing media:

Suitable extinguishing media: In case of fire, use water mist, foam, dry powder, CO2 to extinguish.

Unsuitable extinguishing media: straight stream water

Specific hazards arising from the substance or mixture:

Specific hazards arising from the substance or mixture is not available.

Advice for firefighters:

Specific fire-fighting measures:

Evacuate non-essential personnel to safe area.

Special protective equipment and precautions for fire-fighters:

Firefighters should wear self-contained breathing apparatus with full face piece operated positive pressure mode.

SECTION 6. Accidental release measures



Personal precautions, protective equipment and emergency procedures:

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Environmental precautions:

Prevent spills from entering sewers, watercourses or low areas.

Do not wash away into sewers or waterway.

Methods and material for containment and cleaning up

Sweep up, place in a bag and hold for waste disposal.

Fill the disposal into labelled, closable containers.

Preventive measures for secondary accident

Collect spillage.

SECTION 7. Handling and storage

Precautions for safe handling

Preventive measures:

Avoid contact with eyes.

Safety Measures:

Use personal protective equipment as required.

Any incompatibilities

No information available.

Advice on general occupational hygiene

Do not get in eyes, on skin, or on clothing.

Wash contaminated parts thoroughly after handling.

Do not eat, drink or smoke when using this product.

Take off contaminated clothing and wash it before reuse.

Wash hands thoroughly after handling.

External use only.

Ensure good ventilation at the workplace.

Do not expose to heat and flame.

Do not puncture or incinerate container.

Use only as directed.

Storage

Conditions for safe storage

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 120°F (~50°C). Store in places far from rain and humidity; never store outdoors. Store separately from other dangerous and incompatible substances.

SECTION 8. Exposure controls/personal protection



Control parameters

Exposure Guidelines

Chemical Name	Cas-No.	ACGIH TLV	OSHA PEL	NIOSH-REL
Butane	106-97-8	STEL: 1000ppm		
Isobutane	75-28-5	STEL: 1000ppm		
Propane	74-98-6	TWA: 1000ppm	TWA: 1000ppm	TWA: 1000ppm

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Appropriate engineering controls:

Eye wash station should be available.

Washing facilities should be available.

Individual protection measures:

HAND PROTECTION: None required for product use.

SKIN PROTECTION: None required for product use.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: None required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Foam
Color	White
Odor	Characteristic
pH	4.6 - 5.1
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not Available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Partially Soluble
Partition coefficient:	Not available
auto-ignition temperature	Not available
Decomposition temperature	Not available



					irritation	irritation	
2-phenoxyethanol	122-99-6	Category 4				Category 1	

SECTION 12. Ecological information

Aquatic toxicity: No information available.

Water solubility: No information available.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

Other adverse effects: No information available.

SECTION 13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.

Waste treatment methods:

Use all contents before disposal.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packing:

Dispose of container after using the contents completely.

SECTION 14. Transport information

IATA (Air): UN1950: Aerosols, flammable, Class 2.1

ID8000: Consumer Commodity, Class 9

IMDG (Sea): UN 1950: Aerosols, flammable, Class 2.1

ADR/RID (Ground): UN1950: Aerosols, Class 2

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

Other regulatory information:

We are not able to check up the regulatory information with regard to the substances in your country or region, therefore, we request this matter would be filled by your responsibility.

SECTION 16. Other information

References and sources for data:

Globally Harmonized System of classification and labelling of chemicals, UN

Recommendations on the TRANSPORT OF DANGEROUS GOODS 21th edit., 2019 UN



IMDG Code, 2018 Edition (Incorporating Amendment 39-18)

IATA Dangerous Goods Regulations (62nd Edition) 2021

2020 EMERGENCY RESPONSE GUIDEBOOK (US DOT)

2022 TLVs and BEIs. (ACGIH)

Supplier's data/information

Hazard Communication Standard - 2012 (29 CFR 1910.1200)

General Disclaimer

The GHS classification data given here is based on current EU official data (Consolidated version of the CLP Regulation published in 1.3.2022 and Commission delegated regulation (EU) 2021/849 (ATP17)) & US Hazard Communication Standard - 2012.

THIS INFORMATION AS MENTIONED HEREINABOVE IS GIVEN IN GOOD FAITH AND IS BASED ON TECHNICAL INFORMATION WHICH WE BELIEVE TO BE RELIABLE AND ACCURATE. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE.

-Nothing Follows-



SAFETY DATA SHEET

SDS No.: 24-053

Date: 21 August, 2024

SECTION 1. Identification of the substance / mixture and of the company / undertaking

Product Identifier

Code: 009245

Product Name: MILBON CURL CONTROL GEL 4

Chemical Family: Mixture

Intended use: Hair styling, Cosmetic

Recommendations on use: Personal care product.

Restrictions on use: For external use only. Use only as directed with instructions.

Manufacturer /supplier

Manufacturer

Name: MILBON CO., LTD.

Address: 2-3-35, Miyakojima-ku, Zengenji-cho, Osaka-city, Osaka

Distributor

Name: MILBON USA, Inc.

Full address: 550 Fifth Avenue, 9th Floor, New York, NY 10036

Country: USA

Tel: (800) 431-8930

SECTION 2. Hazards identification

Classification of the substance or mixture

Hazard classification and indication: Not applicable

Label elements

Hazard pictograms: Not applicable

Signal words: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not applicable

General Precautionary Statements:

Keep out of reach of children. Read label/directions before use. Store protected from light in a cool, dry place.

SECTION 3. Composition / Information on ingredients

Substance/ Mixture: Mixture

Only hazardous constituents associated with the product are listed below

INCI NAME	Chemical name	CAS number	%
PHENOXYETHANOL	2-phenoxyethanol	122-99-6	< 1%



AMINOMETHYL PROPANOL	2-amino-2-methylpropanol	124-68-5	< 1%
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Main Ingredients (INCI NAME):

WATER, GLYCERIN, VP/VA COPOLYMER, SQUALANE, ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER

SECTION 4. First aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for several minutes, opening the eyelids fully. If irritation persists, get medical advice/attention.

SKIN: If the skin irritation or rash occurs, get medical advice / attention.

INGESTION: Rinse mouth. Get medical advice/attention. Do not induce vomiting unless explicitly authorized by a doctor.

INHALATION: Not applicable.

SECTION 5. Firefighting measures

Extinguishing media:

Suitable extinguishing media: In case of fire, use water mist, foam, dry powder, CO2 to extinguish.

Unsuitable extinguishing media: Unsuitable extinguishing media data is not available.

Specific hazards arising from the substance or mixture:

Specific hazards arising from the substance or mixture is not available.

Advice for firefighters:

Specific fire-fighting measures:

Evacuate non-essential personnel to safe area.

Special protective equipment and precautions for fire-fighters:

Firefighters should wear self-contained breathing apparatus with full face piece operated positive pressure mode.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.

Environmental precautions:

Prevent spills from entering sewers, watercourses or low areas.

Do not wash away into sewers or waterway.

Methods and material for containment and cleaning up

Sweep up, place in a bag and hold for waste disposal.

Fill the disposal into labelled, closable containers.

Preventive measures for secondary accident

Collect spillage.

SECTION 7. Handling and storage



Precautions for safe handling

Preventive measures:

Avoid contact with eyes.

Safety Measures:

Use personal protective equipment as required.

Any incompatibilities

No information available.

Advice on general occupational hygiene

Do not get in eyes, on skin, or on clothing.

Wash contaminated parts thoroughly after handling.

Do not eat, drink or smoke when using this product.

Take off contaminated clothing and wash it before reuse.

Wash hands thoroughly after handling.

External use only.

Storage

Conditions for safe storage

Store in cool and dry areas. Protect from heat and sunlight; store in places far from rain and humidity; never store outdoors. Store separately from other dangerous and incompatible substances.

SECTION 8. Exposure controls/personal protection

Control parameters

Exposure Guidelines

Chemical Name	Cas-No.	ACGIH TLV	OSHA PEL	NIOSH-REL
-	-	-	-	-

Exposure controls

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions.

Appropriate engineering controls:

Eye wash station should be available.

Washing facilities should be available.

Individual protection measures:

HAND PROTECTION: None required for product use.

SKIN PROTECTION: None required for product use.

EYE PROTECTION: None required for product use. Contact with eyes should be avoided.

RESPIRATORY PROTECTION: None required for product use.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties



Appearance	Gel
Color	White
Odor	Characteristic
pH	5.1-5.5
Viscosity	Not available
Melting point / Freezing point	Not available
Initial boiling point	Not available
Flash point	Not Available
Evaporation rate	Not available
Flammability	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	Not available
Solubility in water	Partially Soluble
Partition coefficient:	Not available
auto-ignition temperature	Not available
Decomposition temperature	Not available
Explosive properties	Not available
Oxidizing properties	Not available

SECTION 10. Stability and reactivity

Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Information not available.

Conditions to avoid: Heat and sunlight, extremely cold place.

Incompatible materials: Information not available.

Hazardous decomposition products: Information not available.

SECTION 11. Toxicological information

This is a cosmetic product that is safe for consumer and cosmetologists when used as directed with instructions. Assessed as safe with Skin Patch Test.

Information on toxicological effects:

Information on likely routes of exposure

SKIN: Prolong contact may cause skin irritation.

EYE: May cause eye irritation.

INGESTION: May be harmful if swallowed



Product;

- Acute toxicity (Oral): Classification not possible
- Acute toxicity (Dermal): Not classified
- Acute toxicity (Inhalation): Classification not possible
- Skin corrosion/irritation: Classification not possible
- Serious eye damage/irritation: Classification not possible
- Respiratory sensitization: Classification not possible
- Skin sensitization: Classification not possible
- Germ cell mutagenicity: Classification not possible
- Carcinogenicity: Classification not possible
- Reproductive toxicity: Classification not possible
- STOT-single exposure: Classification not possible
- STOT-repeated exposure: Classification not possible
- Aspiration hazard: Classification not possible

Components; published information / Table 3 of Annex VI to the CLP Regulations

Chemical Name	CAS-No	ACUTE TOXICOLOGY DATA			Skin corrosion/irritation	Eye damage/irritation	Skin sensitization
		Oral	Dermal	Inhalation			
2-phenoxyethanol	122-99-6	Category 4				Category 1	
2-amino-2-methylpropanol	124-68-5				Category 2	Category 2	

SECTION 12. Ecological information

- Aquatic toxicity: No information available.
- Water solubility: No information available.
- Persistence and degradability: No information available.
- Bioaccumulative potential: No information available.
- Mobility: No information available.
- Other adverse effects: No information available.

SECTION 13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging.

Waste treatment methods:

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packing:

Dispose of container after using the contents completely.



SECTION 14. Transport information

ADR / RID: Not classified as dangerous goods

MDG: Not classified as dangerous goods

IATA: Not classified as dangerous goods

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic substance control act): Cosmetic products are not regulated under TSCA.

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

Other regulatory information:

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