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SAFETY DATA SHEET

Product Name: Shaving Cream

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Shanghai Research Institute of Chemical Industry Testing Centre

Shanghai Rongchen Daily Expenese Co.,Ltd

SAFETY DATA SHEET

Shaving Cream

SECTION1 PRODUCT AND COMPANY IDENTIFICATION

Product name: Shaving Cream

Company: Shanghai Rongchen Daily Expenese Co.,Ltd

Address: Room 404, No.7, Lane 1887, South Zhongshan Road, Shanghai, 20011, P.R.China

Email: Rongcheng1@163.com

Fax: 86-21-63130653

Emergency Phone: 86-21-63089409

SDS Number: 2615100022

SDS Date: 2015-11-09

SECTION2 HAZARDS IDENTIFICATION

Hazards Identification:

Classification according to GHS:

Aerosols: Category 3

The hazards not mentioned are not applicable or no data available.

Emergency Overview:

Pressurized container: May burst if heated.

The liquid contained in the tank: Causes serious eye irritation.

Propellant gas: May cause drowsiness or dizziness.

SECTION3 INFORMATION ON INGREDIENTS

Product name: Shaving Cream

Ingredient	Concentration	CAS No.	EC No.
Water	83%	7732-18-5	231-791-2
Stearic acid	5.2%	57-11-4	266-928-5
Triethanolamine	3.8%	102-71-6	203-049-8
Propane and Butane	3.0%	74-98-6/106-97-	200-827-9/203-4
Laureth-23	2.8%	9002-92-0	500-002-6
Sodium dodecyl sulphate	2.2%	151-21-3	205-788-1

SECTION4 FIRST-AID MEASURES

Skin Exposure:

If you feel unwell, immediately wash skin with copious amounts of water. If irritation persists, call a physician.

Eye Exposure:

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, call a physician.

Inhalation Exposure:

If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If feel unwell, get medical aid immediately.

Oral Exposure:

If victim is conscious, wash mouth out with water. Get medical aid immediately.

SECTION5 FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable: Dry chemical, Carbon dioxide or appropriate foam.

Firefighting:

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire-extinguishing work is done from the windward. Uninvolved persons should evacuate to a safe place. Keep containers cool by spraying with water.

SECTION6 ACCIDENTAL RELEASE MEASURES

Procedure of Personal Precaution:

Use personal protective equipment. Remove all sources of ignition. Avoid breathing vapors, mist or gas. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to noninvolved personnel should be controlled around the leakage area by roping off.

Methods for Cleaning up:

Mix with inert material (e.g. dry sand, vermiculite) and transfer to a dry, clean, lidded container for disposal. Avoid inhalation. Ventilate area and wash spill site after material pickup is complete.

Environmental precautions:

No data available.

SECTION7 HANDLING AND STORAGE

Handling:

Wear appropriate protective clothing and chemical safety gloves. Avoid inhalation. Avoid contact with eyes, skin and clothing. Prevent generation of vapor or mist. Handling is performed in a well ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: Bases, Oxidizing agents, Reducing agents, Acids. Wash hands and face thoroughly after handling. No smoking at working site.

Storage:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: Bases, Oxidizing agents, Reducing agents, Acids.

SECTION8 EXPOSURE CONTROL/PPE

Engineering Controls:

Safety shower and eye bath. Mechanical exhaust required.

Personal Protective Equipment:

Respiratory: Government approved respirator.
Eye: Chemical safety goggles.
Clothing: Wear appropriate protective clothing.
Hand: Protective gloves.

Other Protect:

No smoking, drinking and eating at working site. Wash thoroughly after handling. Wash contaminated clothing before reuse.

SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance:	White and greed compressed air tank(containing white liquid and push gas)
Odor:	Weak odor
The liquid contained in the tank:	
Flash Point (Closed Cup)/℃:	>96.0℃
pH Value:	8.8 (25℃, 50.0g/L)
Solubility:	Miscible in water
Density/Relative Density:	1.005×10^3 kg/m^3 (20.0℃)
Viscosity:	4.637 mm^2/s (20.0℃, kinematic viscosity)

SECTION10 STABILITY AND REACTIVITY

Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Heat, flames and sparks. Extremes of temperature and direct sunlight.

Materials to Avoid:

Bases, Oxidizing agents, Reducing agents, Acids.

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition Products:

Carbon oxides, Nitrogen oxides (NOx), Sodium oxides, Sulfur oxides.

SECTION11 TOXICOLOGICAL INFORMATION

The liquid contained in the tank:

Acute toxicity:

Stearic acid: Rabbit Skin LD_{50}: >5000mg/kg
Triethanolamine: Rat Oral LD_{50}: 4920 uL/kg
Rabbit Skin LD_{50}: >20 mL/kg
Laureth-23: Rat Oral LD_{50}: 8600mg/kg
Sodium dodecyl sulphate: Rat Oral LD_{50}: 1288mg/kg
Rat Inhalation LC_{50}: >3900 mg/m^3/1H
Butane: Rat Inhalation LC_{50}: 658000mg/m^3/4H

Skin corrosion/irritation:
Stearic acid: Standard Draize test Administration onto the skin - Human - Mild
Triethanolamine: Standard Draize test Administration onto the skin - Human - Mild

Serious eye damage/irritation:
Causes serious eye irritation

Specific target organ toxicity - single exposure:
Propellant gas: May cause drowsiness or dizziness.

SECTION12 ECOLOGICAL INFORMATION

The liquid contained in the tank:

Toxicity:
Triethanolamine:
Toxicity to fish LC_{50} - Lepomis macrochirus (Bluegill) - 450 - 1000 mg/l - 96 h
Toxicity to daphnia and other aquatic invertebrates EC_{50} - Daphnia (water flea) - 609.98 mg/l - 48 h
Sodium dodecyl sulphate:
Toxicity to fish flow-through test LC_{50} - Pimephales promelas (fathead minnow) - 29 mg/l - 96h
(OECD Test Guideline 203)
Toxicity to daphnia and other aquatic invertebrates flow-through test EC_{50} - Daphnia dubia (water flea) - 5.55 mg/l - 48 h
Toxicity to algae Growth inhibition LOEC - Pseudokirchneriella subcapitata - 2.68 mg/l - 6 d
static test EC_{50} - Desmodesmus subspicatus (Scenedesmus subspicatus) - > 120 mg/l - 72 h

Persistence and degradability:
Triethanolamine: Biodegradability Result: 96 % - Readily biodegradable.
Sodium dodecyl sulphate: Biodegradability aerobic - Exposure time 28 d
Result: 95 % - Readily biodegradable
(OECD Test Guideline 301B)
Ratio BOD/ThBOD 95.9 %

Bioaccumulative potential:
Sodium dodecyl sulphate: Bioaccumulation Cyprinus carpio (Carp) - 72 h
Bioconcentration factor (BCF): 3.9 - 5.3

Mobility in soil:
No data available.

SECTION13 DISPOSAL CONSIDERATION

Appropriate Method of Disposal of Substance:
Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with and afterburner and scrubber. Observe all federal, state, and local environmental regulations.

SECTION14 TRANSPORT INFORMATION

RID/ADR:
Proper Shipping Name: Aerosols, non-flammable
UN Number: UN1950
Class: 2.2
Hazard Label(s): Aerosols, non-flammable

IMO: Proper Shipping Name: Aerosols, non-flammable
UN Number: UN1950
Class: 2
Hazard Label(s): Aerosols, non-flammable
EmS No.: F-D, S-U

IATA: Proper Shipping Name: Aerosols, non-flammable
UN Number: UN1950
Class: 2.2
Hazard Label(s): Aerosols, non-flammable

SECTION15 REGULATORY INFORMATION

Regulation (EC) No 1272/2008 and the amendments:

Not a hazardous substance or mixture according to Regulation (EC) No.1272/2008 and its amendments.

SECTION16 OTHER INFORMATION

Date:

2015-11-09

Department:

Shanghai Research Institute of Chemical Industry Testing Centre
Tel(Fax):8621-52815377/52800971/52807275/52811034/52569800

Revision:

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Other Information:

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