SAFETY DATA SHEET (SDS)

Triethanolammonium Methyl Dialkylester (88%)

SECTION 1: Identification

1.1 Product identifier

Product name: Triethanolammonium Methyl Dialkylester (88%)

INCI name: C16-18 Fatty acid triethanolamine ester quaternary, methyl sulphate

CAS No.: 157905-74-3

Product type: Mixture

1.2 Recommended use and restrictions on use

Recommended use: Fabric softener and anti-static agent

Uses advised against: No data available

1.3 Supplier's details

Guangzhou HCS Chemicals Co.,Ltd.

Add.: No. 101, Lanyue Road, Huangpu District, Guangzhou City, Guangdong Province, China

Email: solution@hcschem.com

Web.: www.hcschem.com

Emergency telephone: +86 4000 277 909

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture

Cannot be classified according to the eleventh revised edition of the UN GHS.

Disposal: P501 Dispose of contents/container in accordance with local, regional, national, and international regulations

2.2 Other hazards

No date available

SECTION 3: Composition/information on ingredients

3.1 Mixture

Component	CAS No.	EC No.	Content
Quaternary TEA esters C16-18 and C18 unsaturated, methosulfate	157905-74-3	605-113-4	88%
Propane-1,2-diol	57-55-6	200-338-0	11.5%
Stearic acid	57-11-4	200-313-4	0.5%

4.1 Description of first-aid measures

Skin contact: Rinse thoroughly with soap and plenty of water. Consult a doctor.

Eye contact: Immediately rinse thoroughly with copious amounts of water for at least 15 minutes, including under the eyelids. Consult a doctor.

Ingestion: Do not give anything by mouth to an unconscious person. Rinse the mouth with water and consult a doctor.

Inhalation: Remove the affected person to fresh air. If breathing stops, give artificial respiration. Obtain immediate treatment if symptoms appear and consult a doctor.

4.2 Most important symptoms and effects

No data available

4.3 Immediate medical attention and special treatment

Treat according to symptoms and obtain medical advice.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Use water mist, alcohol-resistant foam, dry powder, or carbon dioxide. Water mist may be used to cool sealed containers.

5.2 Special hazards arising from the mixture

Hazardous combustion products may include carbon oxides and nitrogen oxides.

5.3 Advice for firefighters

Wear self-contained breathing apparatus and comprehensive protective equipment during firefighting operations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid contact with skin and eyes. Ensure adequate ventilation. Evacuate the hazardous area, follow emergency procedures, and seek expert advice.

6.2 Environmental precautions

Prevent further leakage or spillage where safe. Do not allow the product to enter sewers.

6.3 Methods and materials for containment and cleaning up

Collect, contain, and remove the leaked material. Place it in a suitable sealed container for disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Wear personal protective equipment and a protective mask. Ensure adequate ventilation. Prevent contact with eyes, skin, or clothing. Avoid ingestion and inhalation.

7.2 Conditions for safe storage, including incompatibilities

Store in a cool place. Carefully reseal opened containers and keep them upright to prevent leakage.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits: No data available i

Biological limits: No data available

8.2 Exposure controls

Engineering controls: Follow good industrial hygiene and safety practices. Wash hands before breaks and at the end of work. Use under a chemical fume hood and ensure adequate ventilation, especially in confined areas. Provide eyewash stations and safety showers. Where possible, use process isolation, enclosure, equipment modifications, or properly designed ventilation to control release and exposure.

Respiratory protection: Wear respiratory protection.

Hand protection: Wear appropriate protective gloves. Inspect gloves before use, remove them without touching the outer surface, dispose of contaminated gloves according to applicable requirements, and wash and dry hands.

Eye protection: Wear chemical safety goggles.

Skin and body protection: Wear a full set of chemical-resistant workwear selected for the concentration and quantity of hazardous substances in the workplace.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Paste

Color: Pale yellow

Odor: Characteristic odor

pH: No data available

Melting/freezing point: No data available

Initial boiling point and range: No data available

Flash point (closed cup): No data available

Flammability: No data available

Upper/lower explosive limits: No data available

Vapor pressure: No data available

Vapor density: No data available

Relative density: 0.98

Solubility: No data available

Octanol/water partition coefficient: No data available

Kinematic viscosity: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Particle characteristics: No data available

SECTION 10: Stability and reactivity

Reactivity: No data available

Chemical stability: Stable under recommended storage conditions

Possibility of hazardous reactions: Strong oxidizing agent and acid in this field

Conditions to avoid: No data available

Incompatible materials: Strong acids and strong oxidizing agents

Hazardous decomposition products: Carbon oxides and nitrogen oxides

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye damage/irritation: No data available

Respiratory or skin sensitization: No data available

Germ cell mutagenicity: No data available

Carcinogenicity: No data available

Reproductive toxicity: No data available

STOT - single exposure: No data available

STOT - repeated exposure: No data available

Aspiration hazard: No data available

SECTION 12: Ecological information

Toxicity: No data available

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

Other adverse effects: No data available

SECTION 13: Disposal considerations

Property of waste: No data available

Methods of disposal: Consult national and local regulations and use a qualified waste disposal agency

Disposal precautions: Contact a professional waste disposal department to handle the waste

SECTION 14: Transport information

UN number: Not applicable

UN proper shipping name: Not applicable

Primary hazard class: Not subject to the recommendations of the UN Model Regulations on the Transport of Dangerous Goods

Secondary hazard class: Not applicable

Packing group: Not applicable

Hazard label: Not applicable

Special transport precautions: Use complete packaging and secure the load. Prevent containers from leaking, collapsing, falling, or being damaged. Thoroughly clean and disinfect transport vehicles and vessels before loading

other items.

SECTION 15: Regulatory information

Component	China 2015	TSCA	NZIoC	EINECS
Distearyldimonium methosulfate	No data/not included	Listed	Listed	Listed
Propane-1,2-diol	No data/not included	Listed	Listed	Listed
Stearic acid	No data/not included	Listed	Listed	Listed

SECTION 16: Other information

16.1 Disclaimer

Users remain responsible for suitability, legal compliance, and safe handling, storage, use, and disposal.