MATERIAL SAFETY DATA SHEET

Ceteareth-25

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND COMPANY/UNDERTAKING

1.1. Product Identifier

Product Name Ceteareth-25

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Industrial and scientific research uses

Uses advised against Surface active agent for cosmetics

1.3. Details of the supplier of the safety data sheet

Manufacturer

COSMO CHEMISTRY

Office No. 713, Millennium Business Hub,

Sarthana Jakatnaka, Varachha Main Road,

Surat, Gujarat, India – 395006

Phone : +91 979797 7958
e-mail : info@cosmochemistry.com

Section 2: HAZARDS IDENTIFICATION

2.1. Classification

Classification

- Acute aquatic toxicity - Category 2
- Acute toxicity Oral - Category 4
- Serious Eye Damage - Category 1
- Skin Irritation - Category 2

Label Elements

Hazards not otherwise classified (HNOC)

- Harmful if swallowed
- Causes serious eye damage
- Causes skin irritation

Hazard Statements - Environmental

- Toxic to aquatic life

Precautionary Statements - General

- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Read label before use.

Precautionary Statements - Response

- IF SWALLOWED: Call a POISON CENTER or doctor, if you feel unwell.
- Rinse mouth.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Immediately call a POISON CENTER or doctor.
- IF ON SKIN: Wash with plenty of water and soap.
- Specific treatment (see first-aid on the SDS).
- If skin irritation occurs: Get medical advice/attention.
- Take off contaminated clothing. And wash it before reuse.

Section 3: COMPOSITION/INFORMATION OF INGREDIENTS

3.1. Substances

Not applicable. The product is not a substance.

Chemical Name	CAS No.	Proportion
Ceteareth-25	68439-49-6	100%

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	Remove to fresh air, If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult with physician.
Skin contact	Remove contaminated clothing. Rinse with plenty of water and soap. Seek immediate medical attention/advice
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists: Get medical advice/attention

Ingestion Clean mouth with water and drink afterwards plenty of water.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms No information available

4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Water based blend – Non-Flammable. Determined by surrounding material. In case of fire, use water fog, dry chemical, CO2, or "alcohol" foam.

5.2. Special hazards arising from the substance of mixture

May ignite by sparks, heat flames. Carbon dioxide and carbon dioxide may be released by fire.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing.

5.4. Further Information

Prevent fire extinguishing water from contaminating surface water or the ground water system.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing including a respirator or dust mask. Ensure adequate ventilation.

6.2. Environmental precautions

Untreated chemicals are strictly prohibited to be discharged into the environment

6.3. Methods and materials for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent materials, (e.g. sand, dry lime, soda ash) and place in container for disposal according to local/ national regulations. It can also be diluted with a large amount of water before release into the waste water system. For large spill, use dike to contain and then collect, transfer, recycle or discard after treatment.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Ensure that the storage location has adequate moisture, pressure and temperature. Avoid contact with: Strong oxidizing agents. Compounds with high affinity for hydroxyl groups

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Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Exposure Limit Values

Contains no substances with occupational exposure limit values

8.2.1. Appropriate engineering controls

Closed production area; the use of local exhaust ventilation is recommended to control emissions near the source. Ensure there is eye wash station and emergency shower station nearby.

8.2.2. Individual protection measures, such as personal protective equipment

Hand protection	Wear suitable gloves.
Eye protection	Safety glasses with side shields.
Skin and body protection	Wear suitable protective clothing and gloves.
Respiratory protection	No personal respiratory protective equipment normally required.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

General Information

Property	Value
Appearance	solid white
Odor Description	N/A
Odor Threshold	N/A
Density	9.10 lb/gal
Specific Gravity	1.09
pH	6.0 - 8.0 (@ 1% / 25 °C).
Melting/Freezing Point	44 °C
Low Boiling Point	decomposes

Property	Value
High Boiling Point	N/A
Flash Point	275 °C
Vapor Pressure	No Data Available
Vapor Density	No Data Available
Evaporation Rate	No Data Available
Upper Explosion Level	N/A
Lower Explosion Level	N/A
Water Solubility	soluble
Coefficient Water/Oil	No Data Available
Viscosity	No Data Available

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

No information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

None known based on information supplied.

10.5. Incompatible materials

None known based on information supplied.

10.6. Hazardous decomposition products

None known based on information supplied.

Other decomposition products - no data available

Section 11: TOXILOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity	No Data Available

Aspiration Hazard	No Data Available
Carcinogenicity	No Data Available
Germ Cell Mutagenicity	No Data Available
Reproductive Toxicity	No Data Available
Respiratory/Skin Sensitization	No Data Available
Serious Eye Damage/Irritation	Causes serious eye damage
Skin Corrosion/Irritation	Causes skin irritation

Section 12: ECOLOGICAL INFORMATION

12.1. Persistence and degradability	Readily biodegradable
12.1. Bioaccumulative potential	Not expected to bio-accumulate
12.3. Mobility in water	No data available
12.4. Other adverse effects	Harmful to aquatic life.
12.5. Toxicity	Toxic to aquatic life

Toxicity Data

Fish	LC50, 96h, Brachydanio rerio: 2.9 mg/L.
Invertebrate	EC50, 48h, Daphnia magna: 18 mg/L.

Section 13: DISPOSAL CONSIDERATION

13.1. Waste treatment methods

Waste from residues	In accordance with local authority regulations, take to special waste incineration plant.
Contaminated packaging	Packaging that cannot be cleaned should be disposed of as product waste.

Section 14: TRANSPORT INFORMATION

Regulation	Status
DOT	not regulated
IATA	not regulated

Regulation	Status
IMDG	not regulated
RID	not regulated
ADR	not regulated
ADN	not regulated

Section 15: REGULATORY INFORMATION

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

Industrial Safety and Health Law	Not available
Toxic Chemical Control Law	Not available
Dangerous Substance Safety Management Law	Not available
Wastes Management Law	Not available

Other regulations in domestic and foreign countries

Read the safety data sheet before using the product.

Section 16: OTHER INFORMATION