



SAFETY DATA SHEET

SODIUM COCOYL ISETHIONATE 85%

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Sodium Cocoyl Isethionate 85%
INCI Name: Sodium Cocoyl Isethionate
CAS Number: 61789-32-0
Recommended Use: Laboratory chemicals, Manufacture of substances
Company: Chemistry Connection
253 Sturgis Road
Conway, AR 72034
Phone: 501-470-9689

Emergency Contact: Chemtrec: 800-424-9300

2. HAZARD IDENTIFICATION

Physical hazards Not classified.
Health hazards Not classified.
Environmental hazards Not classified.
OSHA defined hazards Not classified.
Label elements
Hazards symbol None.
Signal word None.
Hazards statement The substance does not meet the criteria for classification.
Precautionary statement
Prevention Observe good industrial hygiene practices.
Response Wash hands after handling.
Storage Store away from incompatible materials.
Disposal Dispose of waste and residues in accordance with local authority requirement.
Hazard(s) not otherwise None known.

Classified (HNOC)
Supplemental information None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Chemical Name: Sodium Cocoyl Isethionate
Synonyms: Sodium Cocoyl Isethionate
CAS Number: 61789-32-0
Formula: $\text{CH}_3(\text{CH}_2)_n\text{CH}_2\text{COOC}_2\text{H}_4\text{SO}_3\text{Na}$
Molecular Weight: 343
Content: 84.00% Min

4. FIRST AID MEASURES

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact Wash off with soap and water. Get medical attention if irritation Develops and persists.
Eye contact Rinse with water. Get medical attention if irritation develops and persists.
Ingestion Rinse mouth. Get medical attention if symptoms occur.

Most important Symptoms/effects, acute and delay
Direct contact with eyes may cause temporary irritation.

Indication of immediate medical attention and special
Treat symptomatically.

Treatment needed

General information Ensure that medical personnel are aware of the material(s) involved, and take Precautions to protect themselves.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide(CO2).

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed.

Specific protective equipment and precaution for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions

Use water spray to cool unopened containers.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards

No unusual fire or explosion hazards noted.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up Environmental precautions

Stop the flow of material, if this is without risk. Following product recovery, flush area with water.

For waste disposal, see section 13 of the SDS.

Avoid discharge into drains, water courses or onto the ground.

7. HANDLING AND STORAGE

Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed.

Normal measures for preventive fire.

Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Store away from incompatible materials (see section 10 of the SDS).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

No exposure limits noted for ingredient(s).

Biological limit values

No biological exposure limits noted for ingredient(s).

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear appropriate protective eyeglass or chemical safety goggles. Make sure that there is an eyewash facility in your vicinity.

Skin protection

Hand protection Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

Other Wear Suitable protective clothing.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	
Physical state	Solid.
Form	Solid.
Color	White.
Odour	No data available.
Odour Threshold	No data available.
pH	5.00-6.50
Melting point/freezing point	
Melting point/range	No data available.
Initial boiling point and	No data available.
Boiling range	
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability or explosive limits	No data available.
Vapour pressure	No data available.
Vapour density	No data available.
Relative density	No data available.
Water solubility	Soluble.
Partition coefficient: (n-octanol/water)	No data available.
Autoignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Other information	

Explosive properties	No data available.
Molecular formula	$\text{CH}_3(\text{CH}_2)_n\text{CH}_2\text{COOC}_2\text{H}_4\text{SO}_3\text{Na}$
Molecular weight	343/mol.
Oxidizing properties	No data available.

10. STABILITY AND REACTIVITY

Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous reactions

No dangerous reaction known under conditions for normal use.

Conditions to avoid Contact with incompatible materials.

Incompatible materials No data available.

Hazardous decomposition products

No data available.

11. TOXICOLOGICAL INFORMATION

Information on like routes of exposure

Inhalation No adverse effects due to inhalation are expected.

Skin contact No adverse effects due to inhalation are expected.

Eye contact Direct contact with eyes may cause temporary irritation.

Ingestion Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics

Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation

Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a Respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available.

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, OR OSHA .

US.OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed

Reproductive toxicity This product is not expected to cause reproductive or development effects.

Specific target organ toxicity - single exposure

Not classified.

Specific target organ toxicity - repeated exposure

Not classified.

Aspiration hazard Not an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity No data available.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available.

Mobility in soil No data available.

Other adverse effects No data available.

13. DISPOSAL CONSIDERATIONS

Local disposal regulations Dispose in accordance with all applicable regulations.

Contaminated packaging Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT Not regulated as dangerous goods.

IATA Not regulated as dangerous goods.

IMDG Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

15. REGULATORY INFORMATION

US federal regulations This product is not known to be a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

US.OSHA Specifically Regulated Substances(29 CFR 1910.1001-1050)

Not listed.

16. OTHER INFORMATION

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