

Section 1. Product and Company Identification

Product Name Sodium Lauroyl Sarcosinate
CAS Number 137-16-6

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Section 2. Hazards Identification

Classification of the substance or mixture

GHS Classification

Acute toxicity (Inhalation) -Category 4
Eye Irritant - Category 2A

GHS Label Elements

Pictograms:



Signal word: WARNING

Hazard and precautionary statements

Hazard Statements

H319 Causes serious eye irritation.
H332 Harmful if inhaled.

Precautionary Statements

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
P264: Wash skin thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection. P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation: Get medical advice/attention.



Section 3. Composition / Information on Ingredients

Common Name Sodium Lauroyl Sarcosinate
Synonym(s) Lauroyl Sarcosine, sodium salt
CAS Number 137-16-6

COMPONENT	CAS NUMBER	CONCENTRATION
Sodium Lauroyl Sarcosinate	137-16-6	29 – 31%
Sodium Laurate	629-25-4	0.5 – 1.5

Section 4. First Aid Measures

Skin contact: Rinse with large amounts of water for at least 15 minutes while remove contaminated clothing. Seek medical attention if condition develops.

Inhalation: Remove from exposure, support breathing as necessary, and get medical attention.

Eye contact: Rinse with large amounts of water for about 15 minutes. Get medical attention.

Ingestion: Get medical attention. Do not induce vomiting unless directed by medical personnel.

Section 5. Firefighting Measures

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: None known

Unusual Fire and Explosion Conditions: This material is assumed to be combustible.

Special protective equipment for firefighters: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin & eyes.

Section 6. Accidental Release Measures

Personal precautions: Use personal protective equipment. Ensure adequate ventilation.

Environmental precautions: Do not allow material to enter streams or sewers.

Methods for cleaning: Scoop material into containers. Water spray will cause the material to foam.

Section 7. Handling and Storage

Handling: Safety shower and eye wash stations should be available. Ensure thorough ventilation of stores and work areas. Wash thoroughly after handling. Avoid prolonged skin contact.

Storage: Keep container closed. Store in a cool, dry, and well ventilated area. Do not store in areas where the temperature is less than 40°F or greater than 100°F.



Section 8. Exposure Controls / Personal Protection

Engineering measures: Local, Mechanical exhaust recommended.

Respiratory Protection: Not normally required. If heated vapor is present use a full-face organic vapor air purifying respirator.

Eye protection: Safety/Splash goggles

Hand protection: Compatible chemical resistant gloves. Safety shower and eye bath.

Other Protective Clothing or Equipment: Use apron where splashing occurs.

Hygiene measures: Wash thoroughly after handling.

Section 9. Physical and Chemical Properties

Appearance: Clear to amber liquid

Odor: None

Odor threshold: Not available

pH: 7.5 - 8.5

Melting point: - 1°C

Boiling point: 212°F (100°C)

Flash point: Not applicable

Evaporation rate: Not available

Flammability (solid, gas): Not available

Vapor pressure: Not available

Vapor density: Not available

Relative density: 1.02 - 1.03

Solubility: Miscible

Autoignition temperature: Not available

Decomposition temperature: Not available

Section 10. Stability and Reactivity

Incompatible Substances: None known.

Hazardous decomposition products: Carbon oxides, nitrogen oxides.

Hazardous Polymerization: Will not occur.

Section 11. Toxicological Information

Signs and Symptoms of Exposure: Irritation of skin, eyes, or respiratory tract may be evident.

Potential Health Effects

Inhalation: Causes respiratory tract irritation.

Skin: May cause skin irritation.

Eyes: May cause serious eye irritation.



Chronic Exposure: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, or OSHA.

Acute toxicity

Oral LD50: 5000 mg/kg (rat)

Section 12. Ecological Information

Aquatic Toxicity: Not classified.

Terrestrial Toxicity: Not Available

Chemical Fate and Transport: Material is readily biodegradable.

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

U.S. Department of Transportation (DOT): Not classified as dangerous goods

International Air Transport Association (IATA): Not classified as dangerous goods

International Maritime Dangerous Goods (IMDG): Not classified as dangerous goods

Section 15. Regulatory Information

Inventory Status for this product or its components

Country(s) or region	Inventory Name	On Inventory (Yes/No)
United States	TSCA	Yes
Korea	ECL	Yes
Japan	ENCS	Yes
Australia	AIC	Yes
Canada	DSL	Yes
China	IECSC	Yes
New Zealand	NZIoC	Yes
Europe	EINECS	Yes
Philippines	PICCS	Yes

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

Immediate (Acute) Health Hazard: Yes

Delayed (Chronic) Health Hazard: No

Fire Hazard: No Reactive Hazard: No

Sudden Release of Pressure Hazard: No



Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313: This product contains the following substances which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and which are listed in 40 CFR 372: None

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) Section 103 This product contains the following substances which are subject to the reporting requirements of CERCLA Section 103 and which are listed in 40 CFR 302.4: None

Resource Conservation and Recovery Act (RCRA) of 1976: This product as supplied would not be classified as a hazardous waste under the Resource Conservation and Recovery Act.

OSHA Hazard Communication Standard: This product is a hazardous chemical as defined by the OSHA Hazard Communication Standard which is listed at 29 CFR 1910.1200.

HMIS Classification

Health: 2

Flammability: 1

Reactivity: 0

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

REVISION DATE: 9/2/2016