

## 1 PRODUCT & COMPANY IDENTIFICATION

**Product Name:** Sodium Lauroyl Sarcosinate  
**Synonyms:** Lauroyl Sarcosine, sodium salt  
**INCI Name:** Sodium N-Lauroylsarcosinate  
**CAS Number:** 137-16-6  
**Formula:** C<sub>15</sub>H<sub>28</sub>NNaO<sub>3</sub>  
**Product Form:** Powder  
**Product Use:** Detergent & Cleaners, Cosmetic

**Supplier:** ASES CHEMICAL WORKS.  
**Address:** Brahm Bagh, Jalori Gate  
Jodhpur - 342001 Rajasthan-India  
**Phone:** +91-9636889954  
**Web:** www.ases.in  
**Email :** ecom@ases.in

## 2 HAZARDS IDENTIFICATION

### Classification of the substance or mixture:

Acute toxicity (Inhalation) -Category 4

Eye Irritant - Category 2A

### Label Elements:

**Signal :** Warning



### Hazard and precautionary statements

- Causes serious eye irritation. Harmful if inhaled.
- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Wash skin thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- 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.

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No	Concentration
Sodium Lauroyl Sarcosinate	137-16-6	29 – 31%
Sodium Laurate	629-25-4	0.5 – 1.5

## 4 FIRST AID MEASURES

**Eye Contact:** Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

**Skin Contact:** Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

**Inhalation:** If inhaled, removed to fresh air. Get medical attention if symptoms appear.

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

## 5 FIRE-FIGHTING MEASURES

**Suitable extinguishing media :** Water spray, water jet, foam, dry powder, carbon dioxide.

**Fire-Fighting/Further Advice:** This material is assumed to be combustible. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin & eyes.

## 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.

## 7 HANDLING & 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.

## 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

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

**Hygiene measures:** Wash thoroughly after handling.

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

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear to amber liquid	<b>Vapor pressure:</b>	Not available
<b>Odor:</b>	None	<b>Vapor density:</b>	Not available
<b>Odor threshold:</b>	Not available	<b>Relative density:</b>	1.02 - 1.03
<b>pH:</b>	7.5 - 8.5	<b>Solubility:</b>	Miscible
<b>Melting point:</b>	-1°C	<b>Autoignition temperature:</b>	Not available
<b>Boiling point:</b>	212°F (100°C)	<b>Decomposition temperature:</b>	Not available
<b>Flash point:</b>	Not applicable	<b>Relative density :</b>	Not Available
<b>Evaporation rate:</b>	Not available	<b>Solubility (ies) :</b>	Partially soluble in water.
<b>Flammability (solid, gas):</b>	Not available	<b>Partition coefficient :</b>	-0.4

## 10 STABILITY AND REACTIVITY

**Incompatible Substances:** None known.

**Hazardous decomposition products:** Carbon oxides, nitrogen oxides.

**Hazardous Polymerization:** Will not occur.

## 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.

## 12 ECOLOGICAL INFORMATION

**Persistence and Degradability:** Readily biodegradable.

**Aquatic Toxicity:** Not classified.

**Terrestrial Toxicity:** Not Available

## 13 DISPOSAL CONSIDERATIONS

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

## 14 TRANSPORT INFORMATION

**US DOT Shipping Description (Land) :** Not regulated

**IMO-IMDG Shipping Description (Sea) :** Not regulated

**IATA Shipping Description (Air) :** Not regulated

MATERIAL SAFETY DATA SHEET  
SODIUM LAUROYL SARCOSINATE

**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 40CFR 372: 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**

**16 OTHER INFORMATION**

**Disclaimer & Caution**

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and ASES CHEMICAL WORKS assume no liability resulting from its use.