

# XI'AN AOGU BIOTECH CO.,LTD

WhatsApp | +86 18091843361

Tel number | 0086-29-89121514

Web | [www.aogubio.com](http://www.aogubio.com)

Email | [Aogubio@163.com](mailto:Aogubio@163.com)

Address | Rm 606, B3, Jinye Times, Jinye Road, Yanta District, Xi'an China 710065



## SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY/UNDERTAKING.

Product identifier.

Product Name: Sodium Lauroyl Sarcosinate  
Chemical Name: Sodium Lauroyl Sarcosinate  
CAS No: 137-16-6

Relevant identified uses of the substance and uses advised against.

For manufacturing, processing, laboratory or repacking use only

Uses advised against:

Uses other than those recommended.

### Details of the supplier of the safety data sheet.

XI'AN AOGU BIOTECH CO.,LTD

[info@aogubio.com](mailto:info@aogubio.com)

Emergency telephone call: 0086-18091843361 0086-29-89121514

Room 606,Block B3,Jinye Times,No.32,East Section of Jinye Road,Yanta District,Xi'an Shaanxi 710065  
China

Emergency telephone number: (Only available during office hours)

## 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

