

Material Safety Data Sheet

Version: 1.0
Creation Date: May 12, 2021
Revision Date: May 12, 2023

SECTION 1. CHEMICALS AND ENTERPRISE IDENTIFICATION

1.1 Chemical name: Sodium Lauroamphoacetate

1.2 CAS No. : 68608-66-2

1.3 Company Name: Kaimosi BioChem Tech Co., Ltd

1.4 Company Address: Suite#210A, No.1 Building, No.182 Zhaohui Road, Xiacheng District, Hangzhou City, Zhejiang Province, China.

1.5 Tel & Fax: +86 57187191913 & +86 57187562572

E-mail address: sales02@kaimosi.com

Emergency Tel: +86 87162326 (24h)

1.6 Product Recommendation and restricted uses: Extremely mild amphoteric surfactant. When compounded with anionic substances, it significantly reduces its irritation. It has excellent foaming properties, rich and fine foam, and certain wetting and decontamination capabilities. It is widely used in the preparation of children's shampoos, various facial cleansers, body washes, pet detergents, facial cleansers and shaving creams, etc.

SECTION 2. OVERVIEW OF HAZARDS

2.1 Physical hazard: This product is a light yellow to amber transparent liquid with stable physical and chemical properties, and there is no risk of explosion or self-ignition.

2.2 Health hazard:

Acute toxicity: Swallowing may be harmful, but ingestion in large quantities may cause reactions such as nausea and vomiting.

Skin corrosion/irritation: Non-corrosive to the skin. Prolonged contact may cause skin irritation.

Severe eye damage/irritation: Causes eye irritation.

Skin sensitization: No allergic reaction to the skin.

2.3 Environmental hazard:

Ecotoxicity: Harmful to aquatic organisms and has long-term and continuous effects.

Degradability: Easily biodegradable, and the degradation products are non-toxic.

SECTION 3. COMPONENT/COMPOSITION INFORMATION

Mixtures

Chemical name	Concentration(%)	CAS No.
Water	58.0-62.0	7732-18-5

Material Safety Data Sheet

Version: 1.0
Creation Date: May 12, 2021
Revision Date: May 12, 2023

Sodium lauryl amphoteric acetate	30.0-34.0	68608-66-2
Sodium chloride	6.0-9.5	7647-14-5

SECTION 4. FIRST AID MEASURES

4.1 Inhalation: Breathe fresh air immediately. Seek medical attention if you feel unwell.

4.2 Skin contact: Rinse immediately with water. Seek medical attention if any discomfort occurs.

4.3 Eye contact: Rinse immediately with running water or physiological saline. Seek medical attention if any discomfort occurs.

4.4 Ingestion: Rinse mouth, induce vomiting, seek medical attention.

SECTION 5. FIRE PROTECTION MEASURES

5.1 Fire extinguishing agent:

Extinguish the fire with foam, dry powder, carbon dioxide and water spray fire extinguishing agents. Using direct running water to extinguish the fire will cause the fire to spread.

5.2 Extremely dangerous:

Under normal circumstances, there is no risk of combustion or explosion. Combustion can produce carbon monoxide, carbon dioxide, a mixture of carbohydrates and smoke, etc.

5.3 Fire extinguishing precautions and protective measures:

Firefighters must wear self-contained breathing apparatus and fire suits and extinguish the fire from the upwind direction.

Isolate the accident site and prohibit irrelevant personnel from entering.

In accordance with relevant regulations, contain and treat fire-fighting water to prevent environmental pollution

SECTION 6. EMERGENCY RESPONSE TO LEAKAGE

6.1 Protective measures for workers, protective equipment and emergency response procedures:

It is recommended that emergency response personnel wear rubber gloves and protective glasses when operating. In case of a small amount of leakage, it should be directly rinsed clean with water.

6.2 Environmental protection measures:

A large amount of leakage needs to be recycled and treated as much as possible to

Material Safety Data Sheet

Version: 1.0
Creation Date: May 12, 2021
Revision Date: May 12, 2023

avoid it entering the sewer in large quantities and prevent pollution.

6.3 Containment and removal methods of leaked chemicals and the disposal materials used:

In case of large-scale leakage: Recycle as much as possible into plastic containers and then rinse thoroughly with water.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for operation

Avoid eye contact. Do not take internally. Implement good occupational hygiene measures. Please clean after operation, especially before eating or smoking.

7.2 Storage precautions

It is recommended to store in corrosion-resistant storage containers such as enameled glass or plastic products.

The product should be stored in a dry, well-ventilated place free from direct sunlight and rain.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Occupational exposure limit: Not applicable

8.2 Biological limit: Not applicable

8.3 Engineering control methods: Good ventilation environment, providing eyewash stations and emergency shower facilities.

8.4 Personal protective equipment:

Respiratory system: Please wear a mask when pouring in large quantities.

Eye protection: When pouring in large quantities, please wear protective glasses.

Hand protection: No special protection is required. Rubber gloves should be worn for prolonged contact.

Skin and body protection: No special protection is required. It is recommended to wash thoroughly before leaving work and before meals.

Note: The above operation precautions are all based on conventional operating conditions. If used under high temperatures or other special conditions, special precautions need to be observed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical state: Transparent liquid.

9.2 Vapor pressure: No data

9.3 Color: Light yellow to amber

9.4 Vapor density: No data available

Material Safety Data Sheet

Version: 1.0
Creation Date: May 12, 2021
Revision Date: May 12, 2023

- 9.5 Odor:** Slight characteristic odor.
9.6 Density: No data available
9.7 pH value: 7.0-9.5 (10% aqueous solution, 25°C)
9.8 Solubility: Readily soluble in water
9.9 Melting point/freezing point: < 5°C
9.10 n-octanol/water partition coefficient: No data
9.11 Boiling point: > 100°C
9.12 Natural temperature: Not applicable
9.13 Flash point: None.
9.14 Decomposition temperature: None
9.15 Explosion limit: Not applicable

SECTION 10. STABILITY AND REACTIVITY

- 10.1 Stability:** This product is stable when stored and used under normal environmental conditions.
10.2 Dangerous reaction: No information available
10.3 Conditions to be avoided: open flames, high heat, direct sunlight.
10.4 Incompatible substances: No information available
10.5 Hazardous decomposition products: After decomposition, this product can produce low-molecular compounds such as nitrogen oxides.

SECTION 11. TOXIC INFORMATION

- 11.1 Acute toxicity:**
Acute oral toxicity: LD50 (in mice) > 5000 mg/kg bw
Acute cutaneous toxicity: LD50 (in mice) > 5000 mg/kg bw
Acute inhalation toxicity: Not applicable.
11.2 Skin irritation or corrosion: No skin irritation
11.3 Eye irritation or corrosion: Causes eye irritation
11.4 Respiratory or skin allergies: Non-allergen
11.5 Germ cell mutagenicity: No data
11.6 Carcinogenicity: Non-carcinogenic
11.7 Reproductive toxicity: No reproductive toxicity
11.8 Inhalation hazard: Not suitable
11.9 Toxicokinetics: No data
11.10 STOT-single exposure: No data available
11.11 STOT-repeated exposure: No data available

Material Safety Data Sheet

Version: 1.0
Creation Date: May 12, 2021
Revision Date: May 12, 2023

SECTION 12. ECOSYSTEM INFORMATION

12.1 Ecotoxicity:

Acute water body hazard: Harmful to aquatic organisms

Long-term water body hazard: No long-term hazards to aquatic organisms

12.2 Durability and degradability:

Biodegradability: Easily biodegradable

12.3 Potential bioaccumulation: No data

12.4 Mobility in soil: No data

SECTION 13. DISPOSAL OF WASTE

13.1 Waste chemicals

Recycle and reuse as much as possible. If it cannot be recycled and reused, it will be processed through a third-party company with the qualification for recycling and processing.

13.2 Contaminated packaging materials

Empty containers that have held this product and have not been disposed of or discarded must not be reused. If it needs to be reused, it should be thoroughly cleaned until there is no residue of this product in the container.

13.3 Disposal Precautions

Before disposal, relevant national and local regulations should be referred to.

SECTION 14. TRANSPORTATION INFORMATION

14.1 The UN dangerous cargo No.: Not applicable.

14.2 The UN shipping name: Not applicable.

14.3 The UN hazardous classification: Not applicable.

14.4 Marine pollutants (Yes/No) : No.

14.5 Weight of package: 200kg(n.w.), 210kg(g.w.).

14.6 Packaging category: Cylindrical plastic drum.

14.7 Transportation precautions:

This product is suitable for transportation by railway, road and waterway. During transportation, it should be protected from exposure to sunlight and rain. And follow the relevant safety transportation rules.

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/laws applicable to this

