

## Safety Data Sheet

### Amino Acid Surfactant for Personal Care

#### 1. Product and Company Identification

INCI Name:	Sodium Myristoyl Glutamate
Manufacturer:	Changzhou Highassay Chemical Co., Ltd.
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Data No.	HH03-SDS018

#### 2. Hazards Identification

##### GHS Classification

Physical Hazards: This product has no information related to classification according to GB13690-2009 《General Rules for Classification and Hazard Publicity of Chemicals》

##### Health Hazards

Inhalation: May causes uncomfortable to nose and throat, difficult in breath.

Eye contact: May causes tearing or temporary blurring.

Skin Contact: May cause slight itching of the skin.

Environmental Hazards: Biodegradable.

Pictogram: No data available.

Signal Word: No data available.

Prevention statements: Precautionary P264 Wash with plenty of water and soap thoroughly after handling.

P280 Wear eye/face protection.

Response statements: Precautionary P305+P351+P338 If in eyes, rinse carefully water for several times. Remove eye contacts if possible .

P337+P311 If eye irritation continues, call a physician.

Storage statements: Precautionary Please keep it sealed in dry and ventilated place. Please use it as soon as possible after opening.

Disposal statements: Precautionary Disposal of this product and its container shall be in accordance with local, regional, national or international regulations.

#### 3. Information on Ingredients

Ingredient	Concentration %	CAS NO.
Sodium Myristoyl Glutamate	≥95.0	38517-37-2

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Water	≤5.0	7732-18-5
Sodium Chloride	≤1.0	7647-14-5

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#### 4. First Aid Measures

General advice:	Wear work clothes.
Inhalation:	Remove to fresh air. If feels unwell, call a physician.
Eye Contact:	Flush with plenty of water for at least 15 minutes. Call a physician if feels unwell.
Skin Contact:	Flush skin with plenty of water immediately. Call a physician if itching continues.
Oral Exposure:	Wash mouth out with water. Call a physician if necessary.

#### 5. Fire Fighting Measures

Flammable properties:	Not flammable.
Extinguishing Media:	Spray Water, carbon dioxide, or suitable foam can be used to extinguish the fire.
Advice for firefighters:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire-extinguishing work is done from the windward. Irrelevant persons should evacuate to a safe place.

#### 6. Accidental Release Measures

Initial Contamination:	This product is biodegradable. Dike spill. Prevent material from entering sewers, waterways, or low areas.
Cleaning up:	Sweep the scatter into a dustbin, then ventilate and clean the floor with water.

#### 7. Handling and Storage

Handling:	Establish a washing equipment for eyes and body near the handling area. Ventilate a work area enough. Wear appropriate protective clothing and safety gloves. Avoid inhalation of dust. Avoid contact with eyes, skin and clothing. Mechanical exhaust required. Keep far away from ignition sources, heat and flame. Avoid rough handling, dropping, falling, dragging or mechanical shock. Take care not to leak, overflow or scatter. Take care of personal hygiene after handling this material.
Storage:	Store in dry and ventilated place. Keep container tightly closed. Use the product early after break the seal, for the possibility of microbial contamination.

#### 8. Exposure Control/PPE

Engineering Controls:	Place available equipment for face and body washing at the workplace and display it visibly. Place the adequate exhaust ventilation for vapor generation.
Control parameter:	N/A
Personal Protective Equipment:	

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Respiratory:	wear government approved respirator.
Eye:	wear chemical safety goggles.
Clothing:	wear appropriate protective clothing.
Hand:	wear safety gloves.
Other Protect:	No smoking, drinking and eating at the workplace. Wash thoroughly after handling.

## 9. Physical/Chemical Properties

Appearance:	White or off white powder and particles
Odor:	No special odor
pH Value:	5.0~6.5 (40°C, 5% aqueous solution)
Solubility in water:	Hardly soluble
Bulk Density:	No data available.
Specific Gravity:	No data available.
Angle of Repose:	No data available.
Boiling Point:	No data available.
Flammability:	Not flammable.

## 10. Stability and Reactivity

Chemical Stability:	Stable at room temperature and pressure.
Possibility of dangerous reaction:	of Under proper storage and use, no dangerous reaction will occur in general
Decomposition:	Partial decomposition occurs under high temperature .
Incompatibility with other materials:	with Strong oxidizing agents.
Hazardous decomposition products:	Oxides of carbon monoxide, carbon dioxide, nitrogen.
Hazardous polymerization:	Polymerization will not happen.

## 11. Toxicological Information

Oral toxicity in mice LD <sub>50</sub> :	No data available.
Primary Skin Irritation:	No data available.
Skin Sensitization:	No data available.
Primary Eye Irritation:	No data available.
Germ cell Mutagenicity :	No data available.

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## 12. Ecological Information

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<b>Sodium Chloride</b>	
Toxicity to fish: LC <sub>50</sub>	Lepomis macrochirus (Bluegill) 5840mg/l-96h
Toxicity to daphnia and other aquatic invertebrates NOEC	Daphnia (water flea)-1500mg/l-7d LC <sub>50</sub> ; Daphnia magna (water flea)-1661mg/l-48h
Persistence and degradability	No data available.
Bioaccumulative potential:	No data available.
Mobility in soil:	No data available.

### 13. Disposal Considerations

Observe all federal, state, and local environmental regulations.

Contact a licensed waste disposal service to dispose of this material.

Do not dump this material into sewers, on the ground or into any body of water.

### 14. Transportation Information

ICAO/IATA: Non-hazardous for Transport.

RID/ADR: Non-hazardous for Transport.

IMDG: Non-hazardous for Transport.

Safety precautions during transportation: Avoid direct sunlight. Confirm any damage and leaking of container before transportation.

Prevent fall, or drop to avoid getting any damage of container. When on loading, be careful not to collapse cargo stacks.

### 15. Regulatory Information

National Regulations: This product is not listed in GB 12268-2012 《List of Dangerous Goods》

This product is not listed in 《List of Hazardous Chemicals》 (2015 Edition)

This product is not listed in 《List of Railway Dangerous Goods》 (2009 Edition)

TSCA: Registered.

Other Regulations: Please refer to local laws and regulations that may be relevant.

### 16. Other information

Revision Date: May 26, 2024

Department: Changsha Institution of Amino Acid Surfactant.

Revision: A/3

Reference Standard: GHS (Globally Harmonized System of Classification and Labeling of Chemicals) 7<sup>th</sup> edition.

Other Information: The information above is prepared based on our best knowledge of the material.

The content of this document is only valid for the mentioned product alone and does not apply when used incompatible with other products. Users shall evaluate the contents,

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