

## SAFETY DATA SHEET

### 1. Chemical Product and Company Identification

Product Name : Sodium Isostearoyl Lactylate  
 Other Name : Isooctadecanoic acid, 2-(1-carboxyethoxy)-1-methyl-  
 2-oxoethyl ester, sodium salt  
 Manufacturer : Musashino Chemical Laboratory, Ltd.  
 Address : Tekko Bldg., 8-2, Marunouchi 1-Chome,  
 Chiyoda-Ku, Tokyo 100-0005  
 TEL : +81-3-6810-0242  
 FAX : +81-3-6810-0148

### 2. Hazards identification :

Hazard Classification : Not classified  
 Hazard Statement : Nothing

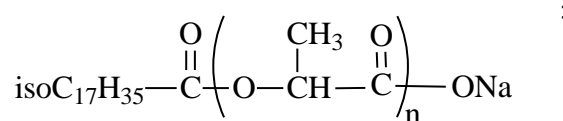
### 3. Composition/Information on Ingredients

It is sodium salt of isostearic acid ester of lactic acid or its condensate.

Ingredient and Content : No data

Chemical Name : Isooctadecanoic acid, 2-(1-carboxyethoxy)-1-methyl-  
 2-oxoethyl ester, sodium salt

Formula



MITI No. : (7)-2115 [(7)-2113]  
 CAS No. : 73231-04-6, 66988-04-3  
 TSCA : On Inventory

### 4. First Aid Measures

First Aid Measures under different exposure routes :

Inhalation :

Move the exposed person to fresh air at once. Get medical attention.

Skin Contact :

Wash the skin with soap and water. Get medical attention if irritation persists after washing.

Eye Contact :

Continue to rinse for at least 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention if any discomfort continues.

Ingestion :

Immediately rinse mouth and drink plenty of water. Get medical attention immediately.

Most important symptoms and effects :

No information available.

Protection of first aider :

No information available.

Notes for the physician :

No information available.

## 5. Fire Fighting Measures

Suitable extinguishing media :

Dry chemicals. Foam.

Special hazards arising from the product :

No information available.

Special fire-fighting methods :

Fire-fighting in the wind. Remove from fire and move to empty place. Cool containers with water spray. Provide adequate ventilation. Prevent fire extinguishing water from contaminating surface water or the ground water system.

Protection for fire-fighters :

Fire-fighters should wear appropriate breathing apparatus and protective equipment.

## 6. Accidental Release Measures

Personal precautions

: Wear personal protective equipment.

Environmental precautions

: It is biodegradable. And it is thought that fish toxicity is low.

Methods cleaning up

: In the case of small amount, adsorb in the soil and sand, and collect them in empty container. After collection, wash away there by large quantity of water. In the case of large amount, stop the flow liquid with soil and sand, let it to safe place, and collect in empty container.

## 7. Handling and Storage

Handling

: It is hygroscopic. Therefore carefully handle to moisture.  
Be careful about burns by the adhesion of it to skin.

Storage

: Keep container tightly closed. Keep in areas shielded the light. Store in normal temperature condition.

## 8. Exposure Controls/Personal Protection

- Exposure limits : No information available.
- Equipment measures : Provide local exhaust or process enclosure ventilation system.  
Setup emergency shower, eye washer and hand washer. And display those positions clearly.
- Personal protective equipment
- Respiratory protection : In case of inadequate ventilation wear respiratory protection.
- Hand protection : Wear protective gloves.
- Eye protection : If the eyes may potentially come in contact with the product, then chemical safety goggles are necessary.
- Skin and body protection : Wear appropriate protective working clothing and apron.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product.  
Wash thoroughly after handling.

## 9. Physical and Chemical Properties

- Appearance : Viscous liquid.
- Color : Colorless or slightly yellow
- Odor : Having a characteristic odor
- pH : Not available
- Flash Point : 227°C (Cleveland open cup test)
- Specific Gravity : About 1.0 (Normal Temperature)
- Solubility : Miscible with alcohol.  
Slightly soluble in water

## 10. Stability and Reactivity

- Stability : Gradually hydrolyzed by absorbing moisture.
- Reactivity : Hydrolyzed in water and fatty acid is formed and isolated.
- Hazardous decomposition products : Not available.

## 11. Toxicological Information

- Acute toxicity : LD<sub>50</sub> >6,100mg/kg (Rat:Male, Oral)
- Local effect : No data
- Primary Irritation : Primary Irritation Index  
7.17 ( 100% conc.) Strong  
1.13 ( 15% conc.) Weak

Eye Acute Irritation : Positive (100% conc.)  
Negative (15% conc.)

## 12. Ecological Information

Persistence/degradability  
: Good.

## 13. Disposal Information

Waste disposal methods  
: Incinerate in suitable combustion chamber. Dispose of waste and residues in accordance with local authority requirements.

## 14. Transport information

UN Number : Not regulated

UN Proper shipping name  
: Not regulated

UN Classification : Not regulated

Packing Group : Not regulated

Mark/Label(s) : Not regulated

Additional information  
: The materials transportation by vehicles, the sender serves deliverers with instructions for safe handling. In transportation confirm leakless of the container, and load the materials not to upset, fall and damage. Secure preventing the load from falling.

## 15. Regulatory Information

Pharmaceutical and Medical Device Act

## 16. Other Information

References

- 1) "The Handbook of Prevention for Dangerous Substances Accidents and Emergencies" KOUBEKAINAN BOUSHIKENKYUUKAI published by SEIZANDO (Japanese)
- 2) Unpublished data (for Company use: Japanese)
- 3) Cosmetics and Toiletries, vol.93, Jan. 1978
- 4) Drug & Cosmetic Ind. 122(5), 35, (1978)

Disclaimer :

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