



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier

Product name : Sodium Stearoyl Lactylate

CAS No. : 25383-99-7

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, manufacture of substances.

1.3 Details of the supplier of the safety data sheet

Company: Aurora Industry Co.,Ltd.

Tel: 0411-82288674

Address: Room 7033, No.9-1, Haifu Road, Dalian Free Trade Zone, China

2. HAZARDS IDENTIFICATION

Potential Acute Health Effects:

Hazardous in case of eye contact (irritant), of inhalation. Slightly hazardous in case of skin contact (irritant), of ingestion.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product name: Sodium Stearoyl Lactylate

Appearance: Fine Powder

Purity : 90% SSL, 10% free Flowing agent

Cas #: 25383-99-7

Catalog Codes: SLS2431

RTECS: Not available.

TSCA: TSCA 8(b) inventory: Sodium Stearoyl Lactylate

CI#: Not available.

Synonym: Octadecanoic Acid, 2-(carboxyethoxy)-1-methyl-2-oxothyl ester, sodium salt

Chemical Name: Sodium Stearoyl Lactylate

Chemical Formula: C24-H43-O-6-Na

4. FIRST AID MEASURES



Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. WARM water MUST be used. Get medical attention.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious skin Contact: Not available.

Inhalation: if inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious skin Contact: Not available.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

5. FIRE FIGHTING MEASURES

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: CLOSED CUP: 221.11°C (430°F).

Flammable Limits: Not available.

Products of Combustion: These products are carbon oxides (CO, CO₂).

Fire Hazards in Presence of Various Substances: Slightly flammable to flammable in presence of heat.

Explosion Hazards in Presence of Various Substances

Fire fighting media and instruction

Small fire: use dry chemical powder.

Large fire: use water spray, fog or foam. Do not use water jet.

Special remarks on fire hazards: not available.

Special remarks on exposure hazards: not available.

6. ACCIDENTAL RELEASE MEASURES

Small Spill:

Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:

Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

7. HANDLING AND STORAGE



Precautions: Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible.

Storage: HYGROSCOPIC. Keep container tightly closed. Keep container in a cool, well-ventilated area.

8. EXPOSURE CONTROLS

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below exposure limit.

Personal Protection:

Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent.

Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance: Solid. (Solid powder.)

Odor: Sweetish. (Slight.)

Taste: Not available.

Molecular Weight: 451.6 g/mole

Color: Off-white.

pH (1% soln/water): Not available.

Boiling Point: Not available.

Melting Point: 48.889°C (120°F)

10. STABILITY AND REACTIVITY

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances: Reactive with moisture.

Corrosivity: Not available.



Special Remarks on Reactivity: Hygroscopic

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Chronic effects on humans: not available

Other Toxic Effects on Humans: not available

Hazardous in case of inhalation.

Slightly hazardous in case of skin contact (irritant), of ingestion.

11. TOXICOLOGICAL INFORMATION

Eye or skin contact may cause mild transient irritation.

No toxic effects are known under normal conditions from inhalation of dust or vapours from this product.

12. ECOLOGICAL INFORMATION

SSL is believed not to be dangerous to the environment with respect to mobility, persistency and degradability, bioaccumulative potential, aquatic toxicity and other data relating to ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Small quantities of waste are disposed of as domestic refuse.

Greater quantities are disposed of in accordance with the local regulations.

14. TRANSPORT INFORMATION

SSL is not considered dangerous according to ADR, RID, IMO and IATA.

15. REGULATORY INFORMATION

Federal and State Regulations: TSCA 8(b) inventory: Sodium Stearoyl Lactylate

Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada)

16. OTHER INFORMATION

This data sheet complies with EU Directive 91/155 as amended.

A Product Description is available on request.

The information contained herein is furnished without warranty of any kind.

Employers should use this information as a supplement to other information gathered



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by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of this material and the safety and health of employees.