



Section 1. Product and Company Identification

Product Name Sodium Stearoyl Lactylate
CAS Number 25383-99-7

Parchem - fine & specialty chemicals

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Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

Classification according to OSHA Hazards: Not classified as a hazardous substance or mixture

GHS Label Elements

Pictograms: N/A

Signal word: N/A

Hazard and precautionary statements: None

Other hazards: Not a hazardous substance or mixture

Section 3. Composition / Information on Ingredients

Common Name Sodium Stearoyl Lactylate
Synonym(s) Octadecanoic Acid, 2-(carboxyethoxy)-1-methyl-2-oxoethyl ester, sodium salt
Formula $C_{24}H_{44}O_6Na$
CAS Number 25383-99-7

Section 4. First Aid Measures

Description of first aid measures

General: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Skin Contact: Wash area with soap and water. Get medical attention if irritation persists

Eye Contact: Flush thoroughly with plenty of water for at least 15 minutes and consult a physician

Ingestion: Wash mouth out with water. Get medical attention



Most important symptoms and effects, both acute and delayed: No information available.

Indication of immediate medical attention and special treatment needed, if necessary: No information available.

Section 5. Firefighting Measures

Extinguishing media: Appropriate media for surrounding fire

Specific hazards arising from the substance or mixture

Hazardous decomposition products formed under fire conditions: Carbon Monoxide

Special protective actions for firefighters: Wear self-contained breathing apparatus and protective clothing

Further Information: Avoid dispersion of dust

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear suitable protective clothing including a respirator or dust mask.

Environmental precautions: Sweep up spillage and collect for disposal. Wash down area with large quantities of water

Methods and materials for containment and cleaning up: Material is biodegradable. Dispose of in accordance with applicable Federal, State and local regulations

Section 7. Handling and Storage

Precautions for safe handling: Dust in high concentration may cause irritation of eyes, nose and throat. Handle with reasonable care

Conditions for safe storage, including any incompatibilities: Hygroscopic, keep container closed. Keep cool <80° F (26°C)

Section 8. Exposure Controls / Personal Protection

Exposure Limit Values: Contains no substances with occupational exposure limit values

Appropriate engineering controls: Handle in accordance with good industrial hygiene and safety practice. In case of insufficient ventilation, wear suitable respiratory equipment. Ensure that eyewash stations and safety showers are close to the workstation location.

Individual protection measures, such as personal protective equipment

Hand protection: Plastic or rubber gloves optional

Eye protection: Eye protection should always be worn when working with chemicals. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).



Skin and body protection: Appropriate work apparel.

Respiratory protection: Material should be handled in a manner that does not produce airborne particles. If dust is a problem, a dust mask or respirator is recommended. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hygiene Measures: Wash with soap and water

Section 9. Physical and Chemical Properties

Information on basic physical and chemical properties

General Information

Appearance: Cream colored powder/flakes

Odor: Sweetish/Slight

Important health safety and environmental information

Flash point (TCC): 221°C

Melting point / freezing point: 42 - 52°C - lit.

pH: No data available

Boiling point: No data available

Ignition temperature: No data available

Auto-ignition temperature: No data available

Explosion limits: No data available

Vapor pressure: No data available

Specific Gravity: No data available

Water solubility: Slight

Partition coefficient (n-octanol/water): No data available

Viscosity: No data available

Relative Vapor Density: No data available

Odor Threshold: No data available

Evaporation rate: No data available

Flammability: No data available

Section 10. Stability and Reactivity

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical stability: Stable under recommended storage conditions

Possibility of hazardous reactions: Hazardous polymerization will not occur

Conditions to avoid: Temperatures < 80° F (26°C)

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions: Carbon Monoxide

Other decomposition products: no data available

Section 11. Toxicological Information

Information on toxicological effects: Sodium Stearoyl Lactylate is a non-toxic food additive permitted for direct addition to food for human consumption as listed in 21 CFR 172.846

Information on the likely routes of exposure

Inhalation: Can cause respiratory irritation

Ingestion: If swallowed in large quantity, can cause irritation

Skin contact: Prolonged skin contact may cause irritation

Eye contact: Can cause irritation

Signs and Symptoms of Exposure: Dust in high concentration may cause irritation of eyes, nose and throat

Acute toxicity: No data available

Irritation and corrosion: No data available

Respiratory or Skin Sensitization: No data available

Long term toxicity

Carcinogenicity

IARC: No

NTP: No

OSHA: No

Reproductive Toxicity: No Data Available

Specific Target Organ Toxicity, single exposure (GHS): No Data Available

Specific Target Organ Toxicity, repeated exposure (GHS): No Data Available

Aspiration Hazard: No Data Available

Section 12. Ecological Information

Ecotoxicity effects

Aquatic toxicity: No data available

Toxicity to other organisms: No data available

Persistence and degradability

Biological degradability: Material is biodegradable

Readily biodegradable: No Data Available

Bioaccumulative potential: No Data Available

Mobility in soil: No Data Available

Results of PBT and vPvB assessment: No Data Available



Other adverse effects: No data available

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

DOT (US): Not classified as dangerous in the meaning of transport regulations

IMDG: Not classified as dangerous in the meaning of transport regulations

IATA: Not classified as dangerous in the meaning of transport regulations

Section 15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

OSHA Hazards: None

SARA Title III, Section 302: None

TSCA Inventory: Yes (all ingredients)

Massachusetts Right To Know Component:

Sodium Stearoyl Lactylate (CAS-No. 25383-99-7)

Pennsylvania Right to Know Component:

Sodium Stearoyl Lactylate (CAS-No. 25383-99-7)

New Jersey Right To Know Component:

Sodium Stearoyl Lactylate (CAS-No. 25383-99-7)

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Other regulation: None known.

Chemical Safety Assessment: Not applicable

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.

REVISION DATE: 10/1/2015