



MATERIAL SAFETY DATA SHEET

Section 1 - Identification of Substance and Company

Product Name:Sodium Stearate

Chemical Name: Sodium Stearate , fatty acid sodium salt

Contact Information:

Company: Aurora Industry Co.,Ltd.

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

Tel:0411-82288674

Section 2 - Information on Ingredients

Chemical Name	CAS#	Assay
Sodium Stearate	822-16-2	40%
Sodium Palmitate	408-35-5	60%

Section 3 - Hazard Identification

Appearance/Odor: Fine white crystalline powder; fatty odor

Potential Health Effects

Skin Contact: Prolonged contact may cause irritation.

Eye Contact: May cause slight eye irritation of susceptible persons.

Ingestion:Unknown.

Inhalation: Dust may be cause irritation.

Section 4 - First Aid Measures

Skin Contact: Remove contaminated clothing and wash affected skin with soap and water.

Eye Contact: Flush eyes with large amounts of water for at least 15 minutes. If irritation persists, consult a physician.

Ingestion:Induce vomiting and then gargle to clear mouth. Contact a physician.

Inhalation: Person should be moved to a fresh air environment.

Section 5 - Explosion and Fire-Fighting Measures

Extinguishing Media: CO₂, Dry Chemical, Foam

Special Fire-Fighting Procedures: A MSHA/NIOSH approved self-contained breathing apparatus should be worn.

Unusual Fire and Explosion Hazards:Potential combustible dust if flaked or powdered.

Dust generated from flaked product will be combustible at sufficient concentration.



Section 6 - Accidental Release/Spill Procedures

Steps to be Taken in Case Material is Released or Spilled: Sweep up, contain the spill and transfer to separate containers for recovery or disposal. Wash floor area with hot water solution. Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

Section 7 - Handling and Storage

Containers should be kept tightly closed and stored in a dry well-ventilated location. Avoid the accumulation of dust.

Section 8 - Personal Protection

ACGIH Threshold Limit Value (TLV): None

OSHA Permissible Exposure Limit (PEL): None

Hand Protection: Rubber gloves

Respiratory Protection: Dust mask is recommended. Respirator may be required if dusting is a nuisance.

Eye Protection: Safety glasses

Engineering Measures: For normal operation, local exhaust ventilation should suffice. Direct exhaust when material becomes heated and fumes are given off.

Other: Eyewash facility in vicinity.

Section 9 - Physical and Chemical Properties

Boiling Point: N/A Specific Gravity: 1.02

Flash Point (COC): 350°F Melting Point: Unknown

Solubility in Water: Complete Vapor Pressure: N/A

Vapor Density (air=1): N/A

Appearance and Odor: Fine white crystalline powder; fatty odor

Section 10 - Stability and Reactivity

Stability: This product is stable under normal conditions.

Conditions to Avoid: Avoid flame or spark under dusting conditions.

Hazardous Decomposition: Thermal decomposition (e.g., fire) will produce carbon dioxide (an asphyxiant at high levels) and may produce carbon monoxide (highly toxic if inhaled).

Material to Avoid: None known.

Section 11 - Toxicological Information

The CIR Panel found Sodium Stearate to be safe as used at levels of up to 25%. (See J. Amer. Coll. Toxicol. (JACT) 1(2): 143-77 (1982)).

Section 12 - Ecological Information

Literature indicates that sodium stearate is readily biodegradable. This product does not contain any ozone depleting compounds (ODC's).



Section 13 - Disposal Considerations

Waste Disposal Methods: Material should be disposed of in accordance to current local, state and federal regulations. Contacting a waste disposal service is recommended.

Section 14 - Transport Information

Not classified as hazardous according to the Department of Transportation.

Section 15 - Regulatory Information

Toxic Substances Control Act (TSCA): This product is in compliance with the TSCA inventory of the United States.

Superfund Amendments and Reauthorization Act (SARA): This product has the following hazards as defined in Section 311/312 of 40 CFR Part 372:

Hazards None

This product contains the following chemicals subject to the reporting requirements of Section 313 or Title III of SARA and 40 CFR Part 372:

Ingredients None

European Labeling Phrases:

Risk Phrases – none

Safety Phrases –S24/25-Avoid contact with eyes and skin, S37-Wear suitable gloves, S45-In case of accident or if you feel unwell, seek medical advice immediately, S28A-After contact with skin, wash immediately with plenty of water.

Section 16 - Other Information

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All information is presented in good faith using available information. Aurora Industry Co.,Ltd. makes no representation of the accuracy or completeness of the information. The user should consider this information as a supplement to other information that may be available. User should also determine suitability of information in their situation to determine proper use and disposal, protection of persons and the environment.