

OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

Regd Office: Unit no 12, 1st Floor,
Neminath Industrial Estate No.6,
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MATERIAL SAFETY DATA SHEET

SODIUM LAURYL SULPHATE POWDER 85% Extra Pure

MSDS CAS: 151-21-3

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: SODIUM LAURYL SULPHATE POWDER 85% Extra Pure

CAS#: 151-21-3

Synonym: Sodium Dodecyl Sulphate

Chemical Name: SODIUM LAURYL SULPHATE POWDER 85% Extra Pure

Chemical Formula: Not available.

Brand : OXFORD

Details Of The Supplier Of The Safety Data Sheet :

Company identification: OXFORD LAB FINE CHEM LLP
Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,
Navghar, Vasai (East). Palghar - 401 210.
Mumbai, Maharashtra, INDIA.
Tel: 91-250-2390989
Tel/Fax: 91-250-2390032

Section 2: Composition and Information on Ingredients

Substance / Preparation: SODIUM LAURYL SULFATE (POWDER) E.P. Confirming IP

CAS#: 151-21-3

Substance.

Contains no other components or impurities which will influence the classification of the product.

Section 3: Hazards Identification

Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Classification : F; R11
Xn; R21/22
Xi; R36/37/38

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

Health hazards: Specific Target Organ Toxicity - Single exposure - Respiratory tract irritation -
Category 3 - Warning (CLP : STOT SE 3) H335

Acute toxicity, Oral - Category 4 - Warning (CLP : Acute Tox. 4) H302

Skin irritation - Category 2 - Warning (CLP : Skin Corr. 2) H315

Eye irritation - Category 2A - Warning (CLP : Eye Irrit. 2) H319

Acute toxicity, dermal - Category 4 - Warning (CLP : Acute Tox. 4) H312

Physical hazards: Flammable solids - Category 1 - Danger (CLP : Flam. Sol. 1) H228

Other hazards : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

Section 4: First Aid Measures

Description of first aid measures:

Inhalation: Call a POISON CENTER or doctor if you feel unwell. Remove to fresh air and keep at rest in a position comfortable for breathing.

Skin contact: Immediately call a POISON CENTER or doctor. If skin irritation occurs: Specific treatment (see on this label). Get medical advice. Wash with plenty of soap and water. Wash contaminated clothing before reuse.

Eye contact: Get medical advice. If eye irritation persists: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.

Ingestion: Obtain emergency medical attention. Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor if you feel unwell.

Section 4: First Aid Measures (Continued)

Most important symptoms and effects, both acute and delayed:

Symptoms relating to use: Repeated exposure to this material can result in absorption through skin causing significant health hazard. Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation. Swallowing a small quantity of this material will result in serious health hazard.

Indication of any immediate medical attention and special treatment needed:

General information: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Section 5: Fire and Explosion Data

Extinguishing media:

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.
Surrounding fires : Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or mixture:

Flammable class : Flammable solid.
Hazardous combustion products : Under fire conditions, hazardous fumes will be present.

Advice for fire-fighters:

Protection against fire including respiratory protection. : Do not enter fire area without proper protective equipment,
Special procedures : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

For emergency responders :Equip cleanup crew with proper protection.
:Ventilate area.

Technical measures : Use special care to avoid static electric charges.
Special precautions : Remove ignition sources. No naked lights. No smoking.

For non-emergency personnel :Evacuate unnecessary personnel.

Environmental precautions
Environmental precautions :Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and material for containment and cleaning up:

Clean up methods : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

Section 7: Handling and Storage

Precautions for safe handling

Handling : Handle empty containers with care because residual vapours are flammable. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling.

Technical protective measures : Provide good ventilation in process area to prevent formation of vapour. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof electrical, ventilating, lighting, equipment.

Special precautions: No naked lights. No smoking. Avoid breathing dust, fume, gas, mist, vapours, spray.

Conditions for safe storage, including any incompatibilities:

Storage : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

Storage - away from : Strong bases. Strong acids. Sources of ignition. Direct sunlight and heat sources.

Section 8: Exposure Controls/Personal Protection

Exposure controls:

Personal protection: Avoid all unnecessary exposure.

- **Respiratory protection:** Wear approved mask.
- **Hand protection:** Wear protective gloves.
- **Skin protection:** Wear suitable protective clothing.
- **Eye protection:** Chemical goggles or safety glasses.
- **Others:** When using, do not eat, drink or smoke.

Control parameters:

Occupational Exposure Limits: No data available.

Section 9: Physical and Chemical Properties

Physical state and appearance	: Solid.
Odor	: Slight fatty odor.
Taste	: Not available.
Molecular Weight	: Not available.
Color	: Off white to pale yellow.
pH (1% soln/water)	: Not available.
Boiling Point	: Not available.
Melting Point	: 204 - 207 °C
Flammability	: Flammable solid.
The substance or mixture is a flammable solid with the subcategory 1	
Critical Temperature	: Not available.
Specific Gravity	: Not available.
Vapor Pressure	: Not applicable.
Vapor Density	: Not available.
Volatility	: Not available.
Odor Threshold	: Not available.
Water/Oil Dist. Coeff.	: Not available.
Ionicity (in Water)	: Not available.
Dispersion Properties	: Not available.
Solubility	: 7.2

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Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions to avoid: Direct sunlight. Extremely high or low temperatures. Open flame, overheating. Heat and spark.

Incompatibility with various substances: Not available.

Materials to avoid: Strong acids. Strong bases.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Hazardous decomposition products: Fumes. Carbon monoxide. Carbon dioxide.
May release flammable gases.

Section 11: Toxicological Information

Information on toxicological effects:

Acute toxicity:

- **Inhalation:** Based on available data, the classification criteria are not met.
- **Dermal:** Harmful in contact with skin.
- **Ingestion:** Harmful if swallowed.

Irritation: Causes serious eye irritation.

Causes skin irritation.

May cause respiratory irritation.

Corrosion: Based on available data, the classification criteria are not met.

Sensitization: Based on available data, the classification criteria are not met.

Mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Toxic for reproduction: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

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Section 12: Ecological Information

Toxicity information: Not available.

BOD5 and COD: Not available.

Persistence - degradability: Biodegradable.

Bioaccumulative potential: Not established.

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: Not available.

Results of PBT and vPvB assessment: The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

Environmental precautions: Avoid release to the environment.

Section 13: Disposal Considerations

General: Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations. Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Special precautions: Handle empty containers with care because residual vapours are flammable.

Section 14: Transport Information

Land transport (ADR-RID)

Proper shipping name : FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.

UN N° : 2926

ADR - Class : 4.1

Labelling – Transport : 4.1 : Flammable solids, self-reactive substances and desensitized explosives. 6.1 : Toxic substances.

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Oxford
Range of
Laboratory Chemicals

Section 14: Transport Information (Continued)

Sea transport (IMDG) [English only]

Proper shipping name : FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.
UN N° : 2926
IMO-IMDG - Class or division : 4.1 : Flammable solids, self-reactive substances and desensitized explosives. 6.1 : Toxic substances.
IMO-IMDG - Packing group : II

Air transport (ICAO-IATA) [English only]

Proper shipping name : FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.
UN N° : 2926
IATA - Class or division : 4.1 : Flammable solids, self-reactive substances and desensitized explosives. 6.1 : Toxic substances.
IATA - Packing group : II

Section 15: Other Regulatory Information

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

Safety, health and environmental regulations/legislation specific for the substance or mixture : Ensure all national/local regulations are observed.

REACH Restrictions - Annex XVII : The components of this product are not subject to restrictions.

REACH Authorisation - Annex XIV : The components of this product are not subject to authorization.

Chemical Safety Assessment:

Chemical Safety Assessment : It has not been carried out.

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Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

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