

Safety Data Sheet

Section 1: Identification

Trade Name: Sodium Lauryl Sulfoacetate Powder

Synonyms: LATHANOL LAL POWDER

Company: Craftiful Ltd

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Section 2: Hazard(s) Identification

Emergency overview WARNING

Product may form explosive dust/air mixtures if high concentration of product dust is suspended in air.

Product dust may be irritating to eyes, skin and respiratory system.

Potential health effects

Eyes Dust or powder may irritate eye tissue. Prolonged or repeated contact may worsen irritation. **Skin** Moderate skin irritation

Inhalation Inhalation of dusts may cause respiratory irritation.

Ingestion May be harmful if swallowed

Section 3: Composition/Information on Ingredients

Chemical Name	CAS No	% Content	
Sodium Lauryl Sulfoacetate	1847-58-1	64-85	
Sodium chloride	7647-14-5	10-18	
Sodium sulfate	7757-82-6	5-18	

Section 4: First-Aid Measures

First aid procedures

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists. **Skin contact** For skin contact flush with large amounts of water. Immediately take off all contaminated clothing. Get medical attention if irritation develops or persists. Wash clothing separately before reuse. **Inhalation** If symptoms are experienced, remove source of contamination or move victim to fresh air. Oxygen or artificial respiration if needed. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting

Section 5: Fire-Fighting Measures

Flammable properties Dust accumulation from this product may present an explosion hazard in the presence of an ignition source. Fire hazard. Class II Dust for National Electric Code (NFPA 70)

Extinguishing media Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Protection of firefighters
Protective equipment and precautions for firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6: Accidental Release Measures

Personal precautions Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

Environmental precautions Prevent further leakage or spillage if safe to do so.

Methods for containment Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up Avoid dust formation. Avoid the generation of dusts during clean-up. Do not create a powder cloud by using a brush or compressed air. Wear appropriate protective equipment and clothing during clean-up. Cover powder spill with plastic sheet or tarp to minimize spreading. Use clean non-sparking tools to collect absorbed material. Shovel into suitable container for disposal.

Section 7: Handling and Storage

Handling Avoid contact with skin and eyes. Avoid breathing dusts from this material. Wash hands thoroughly after handling.

Storage Guard against dust accumulation of this material. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in cool place. Keep in a well-ventilated place.

Section 8: Exposure Controls/Personal Protection

Engineering controls Use explosion-proof equipment if high dust/air concentrations are possible. Keep formation of airborne dusts to a minimum. Use general ventilation. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.

Personal protective equipment

General Eye wash fountain and emergency showers are recommended.

Eye / face protection Wear dust goggles.

Skin protection Wear suitable protective clothing. Use impervious gloves.

Respiratory protection If ventilation is not sufficient to effectively prevent buildup of aerosols or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

Section 9: Physical and Chemical Properties

Color White.

Physical state Solid.

Form Powder.

Class II Dust for National Electric Code (NFPA 70)

P_{max} = 7.1 bar

K_{st} = 90 bar m/s

Minimum Ignition Energy (MIE) = >1000 mJ **Minimum**

Explosible Concentration (MEC) = 96 g/m³ **Minimum**

Autoignition Temperature (MAIT Cloud) = 400 C **Limiting**

Oxygen Concentration (LOC) = 15.2 vol. % **Mean particle**

size = 39 (85% < 75) micrometer **pH** 6.3 @5% **Aqueous**

Flash point Not available.

Evaporation rate Not Applicable

Flammability limits in air,

upper, % by volume

NOT DETERMINED.

Vapor pressure Not Applicable

Vapor density Not applicable, powder.

RVOC 0 %

Percent volatile 0 % estimated

Section 10: Stability and Reactivity

Chemical stability Stable at normal conditions.

Conditions to avoid Dust may form explosive mixture in air. Heat, flames and sparks. **Incompatible materials** Strong oxidizing agents

This product may react with strong alkalies.

Hazardous decomposition products

Upon decomposition, this product may yield sulfur dioxide and oxides of sulfur.

Possibility of hazardous reactions

Will not occur.

Section 11: Toxicological Information

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Section 12: Ecological Information

Not available.

Section 13: Disposal Considerations

Disposal instructions Dispose in accordance with all applicable regulations. All wastes must be handled in accordance with local, state and federal regulations. Regulations vary.

Section 14: Transport Information

Notes Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

Section 15: Regulatory Information

Reportable Quantity There is no calculable reportable quantity (RQ) for this product. CERCLA (Superfund) reportable quantity None Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 extremely hazardous substance No Section 311 hazardous chemical No

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of New and Existing Chemicals (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No

Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes

United States & Puerto Rico Toxic Substances Control Act (TSCA) Inventory Yes
A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations

US - Pennsylvania RTK - Hazardous Substances: Listed substance

_Sodium sulfate (7757-82-6) Listed

Section 16: Other Information

Further information Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for safe handling. HMIS® is a registered trade and service mark of the NPCA. HMIS® ratings Health: 2

Flammability: 1

Physical hazard: 0

Personal protection: X

NFPA ratings Health: 2

Flammability: 1

Instability: 0

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