

# MATERIAL SAFETY DATA SHEET



## 1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Trade Name **LATHANOL LAL POWDER**  
Manufacturer Stepan Company  
22 West Frontage Road  
Northfield, IL 60093 USA

Telephone Numbers - 24 Hour Emergency Assistance  
Medical 800-228-5635  
Chemtrec 800-424-9300  
Chemtrec Int'l 703-527-3887

Telephone Numbers - General Assistance  
General (847) 446-7500

Product Class Sulfoacetate  
Product Number 0541

## 2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Percent
_Sodium Lauryl Sulfoacetate	1847-58-1	64 - 85 %
_Sodium sulfate	7757-82-6	5 - 18 %
_Sodium chloride	7647-14-5	10 - 18 %

## 3 HAZARDS IDENTIFICATION

### Emergency Overview

Powder, white color.

May cause irritation to the eyes, skin, and respiratory system.

### Health Effects: Eyes

Exposure to powder or dusts may be irritating to eyes, nose and throat. Prolonged or repeated contact may cause moderate irritation.

### Health Effects: Skin

Causes moderate skin irritation.

### Health Effects: Inhalation

Inhalation of dusts may cause respiratory irritation.

### Health Effects: Ingestion

This product may be harmful if it is swallowed. Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

## 4 FIRST AID MEASURES

### Eyes

Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If irritation persists get medical attention.

### Skin

For skin contact flush with large amounts of water. If irritation persists, get medical attention. Immediately take off all contaminated clothing. Wash contaminated clothing before reuse.

### Inhalation

If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, get medical attention. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Seek medical attention.

### Ingestion

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

## 5 FIRE FIGHTING MEASURES

### Fire and Explosion Hazards

Dusts may form an explosive mixture with air.

### Extinguishing Media

Dry chemical, foam, water fog.

### Fire Fighting Equipment / Instructions

Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

## 6 ACCIDENTAL RELEASE MEASURES

### SPILL AND LEAK PROCEDURES

Emergency Action:

Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

Do not touch or walk through spilled material. Wear appropriate personal protective equipment during cleanup. Cover powder spill with plastic sheet or tarp to minimize spreading. Use clean non-sparking tools to collect absorbed material. With clean shovel place material into clean, dry container; move containers from spill area. Prevent entry into waterways, sewers, basements or confined areas.

## 7 HANDLING & STORAGE

### Handling Procedures

Avoid contact with skin and eyes. Avoid breathing dusts from this material. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

### Storage Procedures

Avoid dispersion of dust in air. Prevent electrostatic charge buildup by using common bonding and grounding techniques. Keep the container tightly closed and in a cool, well-ventilated place.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Engineering Controls

Ventilation should effectively remove and prevent buildup of any dust generated from the handling of this product. Use explosion-proof equipment if high dust/air concentrations are possible. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.

### Personal Protective Equipment: Eyes/Face

Wear dust goggles.

### Personal Protective Equipment: Skin

Work clothing sufficient to prevent all skin contact should be worn, such as coveralls and long sleeves. Use impervious gloves.

### Personal Protective Equipment: Respiratory

If exposure limits are exceeded or if irritation is experienced, NIOSH approved respiratory protection should be worn.

### Personal Protective Equipment: General

Eye wash fountain and emergency showers are recommended.

## 9 PHYSICAL & CHEMICAL PROPERTIES

<b>Vapor Pressure</b>	Not Applicable
<b>Vapor Density</b>	Not applicable, powder.
<b>Evaporation Rate</b>	Not Applicable
<b>RVOC</b>	0 %
<b>pH Value</b>	6.3 @5% Aqueous

### Appearance and Odor

Powder, white color.

## 10 STABILITY & REACTIVITY

### Chemical Stability

Stable under normal conditions.

### Conditions to Avoid

Avoid dispersion of dust in air. Keep away from heat, sparks, or open flame.

### Incompatibility

This product may react with strong oxidizing agents, alkalies.

### Hazardous Decomposition

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

### Hazardous Polymerization

Will not occur.

## 11 TOXICOLOGICAL INFORMATION

### Carcinogenicity

Not listed as carcinogenic according to IARC, NTP or OSHA.

### LD50 Value

Oral LD50 (rat) = >500 - 5000 mg/kg

**\_Sodium chloride** **7647-14-5**

NIOSH - Selected LD50s and LC50s

Inhalation LC50 Rat: >42 gm/m<sup>3</sup>/1H; Oral LD50 Rat: 3 gm/kg; Oral LD50 Mouse: 4 gm/kg; Dermal LD50 Rabbit: >10 gm/kg

**\_Sodium sulfate** **7757-82-6**

NIOSH - Selected LD50s and LC50s

Oral LD50 Mouse: 5989 mg/kg

**\_Sodium Lauryl Sulfoacetate** **1847-58-1**

NIOSH - Selected LD50s and LC50s

Oral LD50 Rat: 700 mg/kg

## 12 ECOLOGICAL INFORMATION

### Ecotoxicity

No data available on finished product.

### Environmental Fate

This product is biodegradable.

## 13 DISPOSAL CONSIDERATIONS

### Disposal Instructions

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations. Regulations may vary in different locations. Characterization and compliance with applicable laws are the responsibility solely of the generator.

## 14 TRANSPORT INFORMATION

**DOT Proper Shipping Name** Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

## 15 REGULATORY INFORMATION

### U.S. Federal Regulations

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### Inventories

All components of this product are listed on the following inventories: U.S.A.(TSCA), Canada(DSL), Europe(EINECS/ELINCS/Polymer/NLP), Japan(ENCS), Australia(AICS),

There is no calculable reportable quantity (RQ) for this product.

## 16 OTHER INFORMATION

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<b>HAZARD RATINGS</b>	<b>HMIS</b>	<b>NFPA</b>
<b>Health</b>	2	2
<b>Flammability</b>	1	1
<b>Reactivity</b>	0	0
<b>PPE</b>	X	

**Completed On** 12/11/03 **Replaces Sheet Dated** 11/13/2002  
**Completed By** **Product Safety & Compliance**