



## Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Sodium Lauryl Sulfate NF

30-1050

### Section 1: Identification

**Product Name** Sodium Lauryl Sulfate NF

**Commercial Name** Not available.

**Product Use** Not available.

**Restrictions On Use** Not available.

**Product Code** 30-1050

**Company** PCCA  
9901 South Wilcrest  
Houston, TX 77099  
Phone: 1-800-331-2498  
Fax: 1-800-874-5760

In case of emergency contact:  
**CHEMTREC (24hr) 1-800-424-9300**

### Section 2: Hazard(s) Identification

**OSHA Haz Com:** Acute oral toxicity Category 4 Skin Corrosion/Irritation Category 2 Serious Eye Damage/Eye Irritation

**CFR 1910.1200** Category 1 Combustible dust Yes

**Signal Word** DANGER

**Hazard Statement(s)** May form combustible dust concentrations in air. Harmful if swallowed. Causes skin irritation. Causes serious eye damage.

**Pictogram(s) or Symbol(s)**



**Precautionary Statement(s):**

<b>Prevention</b>	Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product Wear protective gloves/protective clothing/eye protection/face protection
<b>Response</b>	IF ON SKIN: Wash with plenty of soap and water If skin irritation occurs: Get medical advice/attention Take off contaminated clothing and wash before reuse IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTER or doctor/physician IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell Rinse mouth
<b>Storage</b>	Store in a well-ventilated place. Keep container tightly closed
<b>Disposal</b>	Dispose of contents/container to an approved waste disposal plant

### Section 3: Composition/Information on Ingredients

<b>Substance/Mixture</b>	Substance
<b>Components</b>	Sodium Lauryl Sulfate
<b>% By Weight</b>	100
<b>CAS#</b>	151-21-3
<b>Molecular Weight</b>	288.38 g/mole
<b>Chemical Formula</b>	C12H25NaO4S
<b>Synonym(s)</b>	Sodium dodecyl sulfate; Sulfuric acid, monododecyl ester, sodium salt

#### Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Sodium Lauryl Sulfate	151-21-3	100		ORAL (LD50): Acute: 1288 mg/kg [Rat]. DUST (LC50): Acute: >3900 mg/m3 1 hours [Rat].

**Section 4: First-Aid Measures**

<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.
<b>Symptoms/Effects</b>	
<b>Acute</b>	Causes severe eye damage.
<b>Delayed</b>	Causes severe eye damage.
<b>Immediate Medical Attention</b>	
Treat symptomatically	

**Section 5: Fire-Fighting Measures****Suitable Extinguishing Media**

Water spray, carbon dioxide (CO<sub>2</sub>), dry chemical, alcohol-resistant foam.

**Unsuitable Extinguishing Media**

Not available.

**Products of Combustion**

Dust can form an explosive mixture with air. Keep product and empty container away from heat and sources of ignition. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Sulfur oxides. Sodium oxides.

**Firefighters Special Equipment and Precautions**

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: Use personal protective equipment as required. Ensure adequate ventilation. Avoid dust formation.

Environmental Precautions: Do not flush into surface water or sanitary sewer system. Methods for Containment and Clean Up: Sweep up and shovel into suitable containers for disposal. Keep in suitable, closed containers for disposal.

**Section 7: Handling and Storage**

Handling: Wear personal protective equipment/face protection. Ensure adequate ventilation. Do not get in eyes, on skin, or on clothing. Avoid ingestion and inhalation. Avoid dust formation. Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Incompatible Materials. Strong oxidizing agents. Strong acids. Strong bases.

**Section 8: Exposure Controls/Personal Protection**

<b>Exposure Limits</b>	Not available.
<b>Engineering Controls</b>	Use explosion-proof electrical/ventilating/lighting equipment. Ensure that eyewash stations and safety showers are close to the workstation location.
<b>Personal Protection</b>	Eye/face Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Tight sealing safety goggles. Skin and body protection: Wear appropriate protective gloves and clothing to prevent skin exposure. Respiratory Protection: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	Solid. (Crystals solid.) Color: Off-white		
<b>Odor</b>	Odorless		
<b>Odor Threshold</b>	Not available.		
<b>Melting Point</b>	206 °C / 402.8 °F	<b>pH</b>	8.5-10 1% aq.sol
<b>Freezing Point</b>	Not available.	<b>Vapor Pressure</b>	Not applicable.
<b>Boiling Point/Range</b>	Not available.	<b>Vapor Density</b>	Not available.
<b>Decomposition temperature</b>	Not available.	<b>Viscosity</b>	Not available.
<b>Partition Coefficient: n-octanol/water</b>	Not available.	<b>Evaporation Rate</b>	Not available.
<b>Flash Point</b>	> 150 °C / > 302 °F	<b>Autoignition temperature</b>	250 °C / 482 °F
<b>Flammability</b>	Not available.	<b>Flammability or Explosive Limits:</b>	
		<b>Lower</b>	Not available.
		<b>Upper</b>	Not available.
<b>Solubility(ies)</b>	Soluble in water		
<b>Other</b>	Bulk Density >400 g/l		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	None under normal processing.
<b>Chemical Stability</b>	Hygroscopic
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	Excess heat. Incompatible products. Avoid dust formation. Exposure to moist air or water.
<b>Incompatible Materials</b>	Strong oxidizing agents, Strong acids, Strong bases
<b>Hazardous Decomposition Products</b>	Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> ), Sulfur oxides, Sodium oxides

**Section 11: Toxicological Information****RTECS** WT1050000**Acute Toxicity**

Oral LD50 Category 4. ATE = 300 - 2000 mg/kg. Dermal LD50 Based on ATE data, the classification criteria are not met. ATE > 2000 mg/kg. Mist LC50 Based on ATE data, the classification criteria are not met. ATE > 5 mg/l.

**Skin Corrosion/Irritation**

Irritating to eyes and skin

**Serious Eye Damage/Irritation**

Irritating to eyes and skin

**Respiratory or Skin Sensitization**

Not available.

**Germ Cell Mutagenicity**

Not available.

**Carcinogenicity**

Not listed.

**Reproductive Toxicity**

Not available.

**Routes of Entry**

Inhalation. Ingestion.



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### Symptoms Related to Exposure

Not available.

### Potential Health Effects

Not available.

### Target Organ(s)

Not available.

## Section 12: Ecological Information

### Ecotoxicity

The product contains following substances which are hazardous for the environment. Contains a substance which is: Toxic to aquatic organisms.

### Persistence and Degradability

Persistence is unlikely

### Bioaccumulative Potential

Not available.

### Mobility in Soil

Will likely be mobile in the environment due to its water solubility

### Other Adverse Effects

Not available.

## Section 13: Disposal Considerations

### Waste Disposal

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

### Disposal of Container

Not available.

### Other Considerations

Not available.

## Section 14: Transport Information

### DOT Classification

DOT Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

## Section 15: Regulatory Information

### Regulations

SARA 313 Not applicable SARA 311/312 Hazard Categories See section 2 for more information CWA (Clean Water Act) Not applicable Clean Air Act Not applicable OSHA - Occupational Safety and Health Administration Not applicable CERCLA Not applicable California Proposition 65 This product does not contain any Proposition 65 chemicals. U.S. State Right-to-Know Regulations U.S. Department of Transportation Reportable Quantity (RQ): N DOT Marine Pollutant N DOT Severe Marine Pollutant N U.S. Department of Homeland Security

### Other

Not available.

## Section 16: Other Information

Not available.