

# SODIUM LAURYL SULFATE

0502

August 1997

CAS No: 151-21-3  
RTECS No: WT1050000Dodecyl sodium sulfate  
Lauryl sodium sulfate  
 $C_{12}H_{25}O_4S.Na$   
Molecular mass: 289.4

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
<b>FIRE</b>			Water spray, powder.
<b>EXPLOSION</b>			
<b>EXPOSURE</b>			
<b>Inhalation</b>	Cough. Laboured breathing. Headache. Dry throat. Nasal congestion.	Ventilation, local exhaust, or breathing protection.	Fresh air, rest. Artificial respiration if indicated. Refer for medical attention.
<b>Skin</b>	Redness. Pain.	Protective gloves.	Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer for medical attention.
<b>Eyes</b>	Redness. Pain. Corneal damage.	Safety goggles.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
<b>Ingestion</b>	Nausea. Vomiting. Diarrhoea.	Do not eat, drink, or smoke during work.	Rinse mouth. Refer for medical attention.

**SPILLAGE DISPOSAL**

Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Do NOT let this chemical enter the environment.

**PACKAGING & LABELLING****EMERGENCY RESPONSE****SAFE STORAGE****IPCS**International  
Programme on  
Chemical SafetyPrepared in the context of cooperation between the International  
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IPCS 2006**SEE IMPORTANT INFORMATION ON THE BACK.**

**IMPORTANT DATA****Physical State; Appearance**

WHITE SOLID IN VARIOUS FORMS, WITH CHARACTERISTIC ODOUR.

**Chemical dangers**

On combustion, forms toxic gases.

**Occupational exposure limits**

TLV not established.

**Routes of exposure**

The substance can be absorbed into the body by inhalation of its aerosol, through the skin and by ingestion.

**Effects of short-term exposure**

The substance irritates the eyes, the skin and the respiratory tract.

**Effects of long-term or repeated exposure**

Repeated or prolonged contact with skin may cause dermatitis.

**PHYSICAL PROPERTIES**

Melting point: 204-207/C

Solubility in water, g/100 ml: 10

**ENVIRONMENTAL DATA**

The substance is toxic to aquatic organisms.

**NOTES****ADDITIONAL INFORMATION****LEGAL NOTICE**

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