

Material Safety Data Sheet



PRODUCT NAME: SODIUM LAURYL SULFATE 28%

CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: SODIUM LAURYL SULFATE 28%
DATE: January 21, 2013

DISTRIBUTOR: ACME-HARDESTY COMPANY
ADDRESS: 450 Sentry Parkway
Blue Bell, PA 19422
TELEPHONE: (866) 226-3834
FAX: (215) 591-3620
EMERGENCY: CHEMTREC (800) 424-9300

COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME: Sodium Lauryl Sulfate
COMMON NAME: Sodium Lauryl Sulfate
% COMPOUND: 28% minimum
CAS#: 85586-07-8; 151-21-3
EINECS#: 287-809-4

HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

ENVIRONMENTAL HAZARDS: None
HUMAN HEALTH HAZARDS: 2 (moderate)

EFFECT AND SYMPTOMS

INGESTION: Harmful if ingested. Causes irritation.
INHALATION: May cause nose, throat, and lung irritation
Based on data from components or similar materials
SKIN CONTACT: Severe skin irritant; based on data from components or similar materials
EYE CONTACT: Severe eye irritant.
Risk of irreversible damage to eyes.
Based on data from components or similar materials

THRESHOLD LIMIT VALUE (ACGIH TLV) : 0.3 ppm.
OSHA PERMISSIBLE EXPOSURE LIMIT (PEL): 0.75 ppm
CARCINOGENICITY - NTP MONOGRAPH : OSHA : IARC :
ORAL LD 50 (RATS): >10,000 mg/kg.
Based on data from components or similar materials.
OCULAR IRRITATION STUDIES (ANIMAL) : No data available.

FIRST AID MEASURES

INGESTION: Induce vomiting and seek medical attention.

INHALATION: Remove to fresh air

SKIN CONTACT: Flush with water for at least 15 minutes and seek medical advice.

EYE CONTACT: Flush with water for at least 15 minutes and seek medical advice.

FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Use extinguishing media suitable for fire – Dry Chemical Powder and CO₂ type fire extinguishers, water, foam

NOT SUITABLE EXTINGUISHING MEDIA: Not Applicable

SPECIAL FIRE FIGHTING PROCEDURES: Wear protective equipment and self contained breathing apparatus.

UNUSUAL FIRE / EXPLOSION HAZARDS: Closed containers may rupture due to build up to pressure when exposed to extreme heat

HAZARDOUS THERMAL DECOMP. PRODUCTS: Sulphur Dioxide, Carbon Monoxide, Carbon Dioxide, and various hydrocarbons.

PROTECTION OF FIRE FIGHTERS: Wear protective equipment and self contained breathing apparatus.

ACCIDENTAL RELEASE MEASURE

PERSONAL PRECAUTIONS: Avoid contact with skin, eyes, and clothing.

ENVIRONMENT PRECAUTIONS: Not Applicable.

METHOD OF CLEAN UP: In case of spillage, collect all the material from area and flush with plenty of water and treat the effluent appropriately.

HANDLING AND STORAGE

HANDLING: Do not drop the drums from a height.
Take care while loading and unloading of un-palletized consignments.

STORAGE: In the original sealed condition, product can be stored for at least one year, below 40°C
Slight pH drop is possible over prolonged storage.
In case of drop in pH, it is fairly safe to use the material as long as the pH is >6
Once the barrel is open, ensure airtight closure after usage.
Use the product within a week's time once opened.
Ensure proper house keeping and personal hygiene
Store between 40° F and 120° F
If solidification takes place then the material can be thawed in a warm room

SUITABLE PACKING MATERIALS: HMHPDE barrels/ ISO tanks (SS 316)

NOT SUITABLE PACKING MATERIALS: Not Applicable

EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY SYSTEM PROTECTION: None required, when adequate ventilation available If airborne concentration is high, use suitable dust mask

SKIN AND BODY PROTECTION: Apron

HAND PROTECTION: Rubber Gloves

EYE PROTECTION: Safety Goggles

PHYSICAL/CHEMICAL CHARACTERISTICS

PHYSICAL STATE: Liquid

COLOR: White to pale yellow

ODOR: Characteristic

BOILING POINT, °C: > 100°C / 212°F initial

MELTING POINT: N.A

pH: 7.5 - 9.5

SOLUBILITY WATER: Soluble, complete

SOLUBILITY OIL AND SOLVENTS: N.A

VAPOR DENSITY (Air = 1): N.A

FLASH POINT (°F, closed cup) : Over 200° F

AUTO-IGNITION TEMPERATURE: N.A

LOWER EXPLOSION LIMIT: N.A

UPPER EXPLOSION LIMIT: N.A

STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Heat, flame and other sources of ignition.

MATERIALS TO BE AVOIDED: Do not subject to acidic pH / moisture, strong acids, and oxidizing agents.

HAZARDOUS DECOMP. PRODUCTS: Sulphur dioxide, Carbon Monoxide and Carbon Dioxide

HAZARDOUS POLYMERIZATION: Product will not under go hazardous polymerization

TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

ORAL (LD50) (Rat): 1288 mg / Kg (Walker)

DERMAL (LD50) (Rabbit): Not Available

INHALATION (LC50): Not Available

SKIN IRRITATION: Irritant

EYE IRRITATION: Severe irritation

SENSITIZATION: Not sensitizing

CHRONIC TOXICITY: None identified

CARCINOGENICITY: Not carcinogenic

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ECOLOGICAL INFORMATION

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ECOTOXICITY: Fully biodegradable

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DISPOSAL INFORMATION

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METHODS OF DISPOSAL: In accordance with local federal and state environmental regulations

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TRANSPORT INFORMATION

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UN NUMBER: Not Applicable

FEMA#: Nota applicable

LAND ROAD / RAILWAY

ADR/RID Class: Chemicals N.O.S. (non regulated)

ADR/RID Item Number: Chemicals N.O.S. (non regulated)

INLAND WATERWAYS:

ADNR Class: Chemicals N.O.S. (non regulated)

SEA:

IMDG Class: Chemicals N.O.S. (non regulated)

IMDG Page Number: Chemicals N.O.S. (non regulated)

AIR:

IATA-DGE Class: Chemicals N.O.S. (non regulated)

NATIONAL TRANSPORT REGULATIONS

Chemicals N.O.S. (non regulated)

REGULATORY INFORMATION

All components of this product are listed on the TSCA Inventory.

This product contains the following toxic chemicals, which have been identified by the State of California as Carcinogens or Reproductive Toxicants and which are subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40CFR372.

NAME	CAS No.	PEL/TLV	Wt. %
Formaldehyde	50-00-0	2ppm, TWA ACGIH	0.05(C)

SARA TITLE III HAZARD CLASSES:

Fire Hazard:	No
Reactive Hazard:	No
Release of Pressure:	No
Acute Health Hazard:	Yes
Chronic Health Hazard:	No

EC - REGULATIONS: Found in EINECS (European Inventory of Existing Commercial chemical Substances).

EC CLASSIFICATION: Is not classified in the Annex I of Directive 67/548/EEC

LABEL NAME: Sodium Lauryl Sulfate

HAZARD SYMBOLS : Xn: Harmful
R22: Harmful if swallowed

RISK PHRASES : Xi: Irritant,
R36/38: Irritating to eyes & skin

SAFETY PHRASES: S16: Keep away from source of ignition
S26: Avoid contact with skin / eyes. In case of contact with eyes rinse immediately with plenty of water & seek medical advice.

OTHER INFORMATION

HAZARD CLASS	NFPA	HMIS
HEALTH	2	2
FLAMMABILITY	1	1
REACTIVITY	0	0
EQUIPMENT	B	

* (0=least, 1=slight, 2=moderate, 3=high)

The data herein are based on our current knowledge and believed to be reliable. Acme-Hardesty Co., provides this information without any representation or warranty, expressed or implied, regarding its accuracy or correctness.

Users must make their own determination that handling, storage and use of the product in the anticipated manner is safe and appropriate. Because these actions of the user are out of our control, and may be beyond our knowledge, we do not assume responsibility and expressly disclaim liability for loss, damage, expense or any other claim arising out of or in any way connected with the handling, storage, use or disposal of the product.

Disposal of containers must comply with applicable federal, state and local laws and regulations. Empty containers should never be given to individuals.