

MATERIAL SAFETY DATA SHEET

Lauric acid

Section 1 - Chemical Product and Company Identification

MSDS Name:	Lauric Acid
Synonyms:	Dodecanoic acid
Company Identification: (INDIA)	Veritas House, 70 Mint Road, Fort, Mumbai - 400 001. INDIA
For information in the INDIA, call:	Tel: +91 - 22 - 2275 5555 / 6184 0000, Fax: +91 - 22 - 2275 5556 / 6184 0001

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
143-07-7	Lauric acid	99%	205-582-1

Hazard Symbols:	XI
	
Risk Phrases:	36/38

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Irritating to eyes and skin.

Potential Health Effects

Eye:	Causes eye irritation.
Skin:	Causes skin irritation. May be harmful if absorbed through the skin.
Ingestion:	May cause irritation of the digestive tract. May be harmful if swallowed.
Inhalation:	May cause respiratory tract irritation. May be harmful if inhaled.
Chronic:	

Section 4 - First Aid Measures

Eyes:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Skin:	Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Ingestion:	Get medical aid. Wash mouth out with water.
Inhalation:	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
Notes to Physician:	Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Extinguishing	Use water spray, dry chemical, carbon dioxide, or chemical foam.

Media:

Section 6 - Accidental Release Measures

General Information:	Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks:	Vacuum or sweep up material and place into a suitable disposal container. Do not let this chemical enter the environment.

Section 7 - Handling and Storage

Handling:	Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Avoid ingestion and inhalation.
Storage:	Store in a cool, dry place. Store in a tightly closed container.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls:	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.
Exposure Limits	CAS# 143-07-7:
Personal Protective Equipment	
Eyes:	Wear chemical splash goggles.
Skin:	Wear appropriate protective gloves to prevent skin exposure.
Clothing:	Wear appropriate protective clothing to prevent skin exposure.
Respirators:	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.

Section 9 - Physical and Chemical Properties

Physical State:	Flakes
Color:	white
Odor:	Not available
pH:	Not available
Vapor Pressure:	1mmHg @121 deg C
Viscosity:	Not available
Boiling Point:	225 deg C @100mmHg (437.00°F)
Freezing/Melting Point:	44 - 46 deg C
Autoignition Temperature:	Not available
Flash Point:	156 deg C (312.80 deg F)
Explosion Limits: Lower:	Not available
Explosion Limits: Upper:	Not available
Decomposition Temperature:	Not available
Solubility in water:	Insoluble
Specific Gravity/Density:	
Molecular Formula:	C12H24O2
Molecular Weight:	200.32

Section 10 - Stability and Reactivity

Chemical Stability:	Stable under normal temperatures and pressures.
Conditions to Avoid:	Incompatible materials.
Incompatibilities with Other Materials	Incompatible materials, reducing agents, bases.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide.
Hazardous Polymerization	Has not been reported.

Section 11 - Toxicological Information

RTECS#:	CAS# 143-07-7: OE9800000
LD50/LC50:	RTECS: CAS# 143-07-7: Draize test, rabbit, eye: 100 mg Mild; Draize test, rabbit, skin: 500 mg Mild; Oral, rat: LD50 = 12 gm/kg;
Carcinogenicity:	Lauric acid - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.
Other:	See actual entry in RTECS for complete information. The toxicological properties have not been fully investigated.

Section 12 - Ecological Information

Ecotoxicity:	Not available
Other:	Do not empty into drains. Readily biodegradable. Log POW:4.6

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

	IATA	IMO	RID/ADR
Shipping Name:	Not regulated as a hazardous material	Not regulated as a hazardous material	Not regulated as a hazardous material
Hazard Class:			
UN Number:			
Packing Group:			

Section 15 - Regulatory Information

European/International Regulations	
European Labeling in Accordance with EC Directives	
Hazard Symbols: XI	
Risk Phrases:	
➤ R 36/38 Irritating to eyes and skin.	
Safety Phrases:	
➤ S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.	
➤ S 37/39 Wear suitable gloves and eye/face protection.	

WGK (Water Danger/Protection)

- CAS# 143-07-7: 1

Canada

- CAS# 143-07-7 is listed on Canada's DSL List

US Federal

- TSCA
- CAS# 143-07-7 is listed on the TSCA Inventory.

Section 16 - Other Information

MSDS Creation Date:	July 22, 2015
Revision # 0 Date	

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