

MATERIAL SAFETY DATA SHEET



Nonylphenol

Section 1 - Chemical Product and Company Identification

MSDS Name:	Nonylphenol, mixture of isomers
Synonyms:	
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#
25154-52-3	Nonylphenol	99%	284-325-5

Hazard Symbols:	C N
	
Risk Phrases:	22 34 50/53 62 63

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Harmful if swallowed. Causes burns. Possible risk of impaired fertility. Possible risk of harm to the unborn child. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Potential Health Effects

Eye:	Causes eye burns.
Skin:	Causes skin burns.
Ingestion:	Harmful if swallowed. Causes gastrointestinal tract burns.
Inhalation:	Causes chemical burns to the respiratory tract.
Chronic:	Possible risk of harm to the unborn child. May impair fertility.

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:	Do not induce vomiting. 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:	

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 Media:	Use water spray, dry chemical, carbon dioxide, or chemical foam.

Section 6 - Accidental Release Measures

General Information:	Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks:	Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

Section 7 - Handling and Storage

Handling:	Do not breathe dust, vapor, mist, or gas. Do not get in eyes, on skin, or on clothing. Use only in a chemical fume hood.
Storage:	Store in a cool, dry place. Store in a tightly closed container. Corrosives area.

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# 84852-15-3:
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:	Viscous liquid
Color:	Clear
Odor:	phenol-like
pH:	Not available
Vapor Pressure:	Not available
Viscosity:	Not available
Boiling Point:	293 - 297 deg C @760mmHg
Freezing/Melting Point:	Not available
Autoignition Temperature:	Not available
Flash Point:	141 deg C (285.80 deg F)
Explosion Limits: Lower:	Not available
Explosion Limits: Upper:	Not available
Decomposition Temperature:	Not available
Solubility in water:	practically insoluble
Specific Gravity/Density:	0.940 g/cc
Molecular Formula:	--

Molecular Weight:	220.35
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Section 10 - Stability and Reactivity

Chemical Stability:	Stable under normal temperatures and pressures.
Conditions to Avoid:	Incompatible materials.
Incompatibilities with Other Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide.
Hazardous Polymerization	Will not occur.

Section 11 - Toxicological Information

RTECS#:	CAS# 84852-15-3: SM5650000
LD50/LC50:	RTECS: CAS# 84852-15-3: Draize test, rabbit, eye: 100 mg Severe; Draize test, rabbit, skin: 500 mg/24H Severe; Oral, rat: LD50 = 1300 mg/kg;
Carcinogenicity:	4-Nonylphenol - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.
Other:	See actual entry in RTECS for complete information. Possible mutagen.

Section 12 - Ecological Information

Ecotoxicity:	Daphnia: Daphnia: EC50: 0.14-0.44 mg/l; 48H; .
Other:	Not readily biodegradable. log Pow: 3-4

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:	ALKYLPHENOLS, LIQUID, N.O.S.	ALKYLPHENOLS, LIQUID, N.O.S.	ALKYLPHENOLS, LIQUID, N.O.S.
Hazard Class:	8	8	8
UN Number:	3145	3145	3145
Packing Group:	III	III	III

Severe Marine Pollutant

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: C N

Risk Phrases:

- R 22 Harmful if swallowed.
- R 34 Causes burns.
- R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic

environment.
➤ R 62 Possible risk of impaired fertility.
➤ R 63 Possible risk of harm to the unborn child.
Safety Phrases:
➤ S 26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
➤ S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
➤ S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
➤ S 60 This material and its container must be disposed of as hazardous waste.
WGK (Water Danger/Protection)
➤ CAS# 84852-15-3: 3
Canada
➤ CAS# 84852-15-3 is listed on Canada's DSL List
US Federal
➤ TSCA
➤ CAS# 84852-15-3 is listed on the TSCA Inventory.

Section 16 - Other Information

MSDS Creation Date:	July 24, 2015
Revision #0 Date	

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