



# MATERIAL SAFETY DATA SHEET

## Nonylphenol



### Section 1 - Chemical Product and Company Identification

<b>MSDS Name:</b>	Nonylphenol, mixture of isomers
<b>Synonyms:</b>	

<b>Company Identification:</b>	<b>Hazel Mercantile Limited</b>
<b>Company Identification: (INDIA)</b>	701/712 A, Embassy Centre, Nariman Point, Mumbai - 400 021.
<b>For information in the INDIA, call:</b>	+91 - 22 - 2282 4444 (50 Lines)

### Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
25154-52-3	Nonylphenol	99%	284-325-5

<b>Hazard Symbols:</b>	C N
	
<b>Risk Phrases:</b>	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

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

### Section 4 - First Aid Measures

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



### Section 5 - Fire Fighting Measures

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

### Section 6 - Accidental Release Measures

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

### Section 7 - Handling and Storage

<b>Handling:</b>	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.
<b>Storage:</b>	Store in a cool, dry place. Store in a tightly closed container. Corrosives area.

### Section 8 - Exposure Controls, Personal Protection

<b>Engineering Controls:</b>	
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.	
<b>Exposure Limits:</b> CAS# 84852-15-3:	
<b>Personal Protective Equipment</b>	
<b>Eyes:</b>	Wear chemical splash goggles.
<b>Skin:</b>	Wear appropriate protective gloves to prevent skin exposure.
<b>Clothing:</b>	Wear appropriate protective clothing to prevent skin exposure.
<b>Respirators:</b>	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

<b>Physical State:</b>	Viscous liquid
<b>Color:</b>	Clear
<b>Odor:</b>	phenol-like
<b>pH:</b>	Not available
<b>Vapor Pressure:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Boiling Point:</b>	293 - 297 deg C @760mmHg
<b>Freezing/Melting Point:</b>	Not available
<b>Autoignition Temperature:</b>	Not available
<b>Flash Point:</b>	141 deg C ( 285.80 deg F)
<b>Explosion Limits: Lower:</b>	Not available
<b>Explosion Limits: Upper:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>Solubility in water:</b>	practically insoluble
<b>Specific Gravity/Density:</b>	0.940 g/cc
<b>Molecular Formula:</b>	--
<b>Molecular Weight:</b>	220.35



## Section 10 - Stability and Reactivity

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

## Section 11 - Toxicological Information

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

## Section 12 - Ecological Information

<b>Ecotoxicity:</b>	Daphnia: Daphnia: EC50: 0.14-0.44 mg/l; 48H; .
<b>Other:</b>	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
<b>Shipping Name:</b>	ALKYLPHENOLS, LIQUID, N.O.S.	ALKYLPHENOLS, LIQUID, N.O.S.	ALKYLPHENOLS, LIQUID, N.O.S.
<b>Hazard Class:</b>	8	8	8
<b>UN Number:</b>	3145	3145	3145
<b>Packing Group:</b>	III	III	III

Severe Marine Pollutant

## Section 15 - Regulatory Information

<b>European/International Regulations</b>
European Labeling in Accordance with EC Directives
Hazard Symbols: C N
<b>Risk Phrases:</b>
➤ 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**

<b>MSDS Creation Date:</b>	October 15, 2007
<b>Revision #0 Date</b>	

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