



MATERIAL SAFETY DATA SHEET

4,4' - Isopropylidenediphenol

Section 1 - Chemical Product and Company Identification

MSDS Name:	4,4'-Isopropylidenediphenol
Synonyms:	Bisphenol A; 2,2-Bis-4-hydroxyphenylpropane
Company Identification:	Hazel Mercantile Limited
Company Identification: (INDIA)	701/712 A, Embassy Centre, Nariman Point, Mumbai-400 021.
For information in the INDIA, call:	+91 - 22 - 2282 4444 (50 Lines)

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
80-05-7	4,4'-Isopropylidenediphenol	97%	201-245-8

Hazard Symbols:	XN
	
Risk Phrases:	37 41 43 62

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Irritating to respiratory system. Risk of serious damage to eyes. May cause sensitization by skin contact. Possible risk of impaired fertility.

Potential Health Effects

Eye:	Risk of serious damage to eyes.
Skin:	May be harmful if absorbed through the skin. May cause sensitization by skin contact.
Ingestion:	May cause irritation of the digestive tract. May be harmful if swallowed.
Inhalation:	Causes 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 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:	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. Use only in a chemical fume hood.
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# 80-05-7:	
Germany: 5 mg/m ³ TWA (inhalable fraction)	
Netherlands: 5 mg/m ³ MAC (respirable dust); 10 mg/m ³ MAC (inhalable dust)	
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:	Solid
Color:	white
Odor:	Not available
pH:	Not available
Vapor Pressure:	0.86mbar @ 190 deg C
Viscosity:	Not available
Boiling Point:	220 deg C @ 4mmHg (428.00°F)
Freezing/Melting Point:	152 - 158 deg C
Autoignition Temperature:	510 deg C (950.00 deg F)
Flash Point:	227 deg C (440.60 deg F)
Explosion Limits: Lower:	Not available
Explosion Limits: Upper:	Not available
Decomposition Temperature:	
Solubility in water:	Insoluble
Specific Gravity/Density:	
Molecular Formula:	C ₁₅ H ₁₆ O ₂
Molecular Weight:	228.29

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, strong bases, acid chlorides, acid anhydrides.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide.
Hazardous Polymerization	Will not occur.



Section 11 - Toxicological Information

RTECS#:	CAS# 80-05-7: SL6300000
LD50/LC50:	RTECS: CAS# 80-05-7: Draize test, rabbit, eye: 250 ug/24H Severe; Draize test, rabbit, skin: 500 mg/24H Mild; Oral, mouse: LD50 = 2400 mg/kg; Oral, mouse: LD50 = 2500 mg/kg; Oral, rabbit: LD50 = 2230 mg/kg; Oral, rat: LD50 = 3250 mg/kg; Oral, rat: LD50 = 1200 mg/kg; Skin, rabbit: LD50 = 3 mL/kg;
Carcinogenicity:	4,4'-Isopropylidenediphenol-Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop65.
Other:	See actual entry in RTECS for complete information. Mutagenicity: Ames-test: negative.

Section 12 - Ecological Information

Ecotoxicity:	Fish: Fathead Minnow: LC50: 4.6 mg/L; 96H; Daphnia: Daphnia: EC50: 3.9 mg/L; 48H;
Other:	Do not empty into drains. Biodegradable log Pow: 3.32

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.	Not regulated.	Not regulated.
Hazard Class:			
UN Number:			
Packing Group:			

Section 15 - Regulatory Information

European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols: XN
Risk Phrases:
➤ R 37 Irritating to respiratory system.
➤ R 41 Risk of serious damage to eyes.
➤ R 43 May cause sensitization by skin contact.
➤ R 62 Possible risk of impaired fertility.
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 46 If swallowed, seek medical advice immediately and show this container or label.
WGK (Water Danger/Protection)
➤ CAS# 80-05-7: 2
Canada
➤ CAS# 80-05-7 is listed on Canada's DSL List
US Federal
➤ TSCA
➤ CAS# 80-05-7 is listed on the TSCA Inventory.



Section 16 - Other Information

MSDS Creation Date:	August 21, 2007
Revision #0 Date	

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