



MATERIAL SAFETY DATA SHEET

Poly(ethylene), low density,

Section 1 - Chemical Product and Company Identification

MSDS Name:	Poly(ethylene), low density
Synonyms:	LDPE
Company Identification:	Hazel Mercantile Limited
Company Identification: (INDIA)	701, 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#
9002-88-4	Poly(ethylene), low density		unlisted
Hazard Symbols:	None listed		
Risk Phrases:	None listed		

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Not available

Potential Health Effects

The Toxicological properties of this substance have not been fully investigated.

Section 4 - First Aid Measures

Eyes:	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.
Skin:	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Ingestion:	Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.
Inhalation:	Remove from exposure and move to fresh air immediately.
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. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.
Extinguishing Media:	In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

Section 6 - Accidental Release Measures

General Information:	Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks:	Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal.



Section 7 - Handling and Storage

Handling:	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.
Storage:	Store in a cool, dry place. Keep container closed when not in use.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls:	
	Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.
Exposure Limits	
	CAS# 9002-88-4:

Personal Protective Equipment	
Eyes:	Wear safety glasses and chemical goggles if splashing is possible.
Skin:	Wear safety glasses and chemical goggles if splashing is possible.
Clothing:	Wear appropriate protective clothing to minimize contact with skin.
Respirators:	Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.

Section 9 - Physical and Chemical Properties

Physical State:	Pellets
Color:	white - colorless
Odor:	Not available
pH:	Not available
Vapor Pressure:	Not available
Viscosity:	Not available
Boiling Point:	Not available
Freezing/Melting Point:	130 - 145 deg C
Autoignition Temperature:	Not available
Flash Point:	> 231 deg C (> 447.80 deg F)
Explosion Limits: Lower:	Not available
Explosion Limits: Upper:	Not available
Decomposition Temperature:	Not available
Solubility in water:	INSOLUBLE IN ORGANIC SOLVENTS (20°C)
Specific Gravity/Density:	0.9200g/cm3
Molecular Formula:	(-CH ₂ CH ₂ -) _n
Molecular Weight:	

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, irritating and toxic fumes and gases, carbon dioxide.
Hazardous Polymerization	Has not been reported.



Section 11 - Toxicological Information

RTECS#:	CAS# 9002-88-4: KX3270000 TQ3325000
LD50/LC50:	RTECS: CAS# 9002-88-4: Inhalation, mouse: LC50 = 12 gm/m3/30M;
Carcinogenicity:	Poly(ethylene), low density, average M.W. 50.000 - IARC: Group 3 (not classifiable)
Other:	See actual entry in RTECS for complete information.

Section 12 - Ecological Information

Not available

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 available	Not available	Not available
Hazard Class:			
UN Number:			
Packing Group:			

Section 15 - Regulatory Information

European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols: Not available
Risk Phrases:
Safety Phrases:
➤ S 24/25 Avoid contact with skin and eyes.
WGK (Water Danger/Protection)
➤ CAS# 9002-88-4: 1
Canada
➤ CAS# 9002-88-4 is listed on Canada's DSL List
US Federal
➤ TSCA
➤ CAS# 9002-88-4 is listed on the TSCA Inventory.

Section 16 - Other Information

MSDS Creation Date:	October 15, 2007
Revision #0 Date	

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