



# MATERIAL SAFETY DATA SHEET

Linear Poly(ethylene), low density

## Section 1 - Chemical Product and Company Identification

<b>MSDS Name:</b>	Poly(ethylene), low density, Linear
<b>Synonyms:</b>	LLDPE

<b>Company Identification:</b>	<b>Hazel Mercantile Limited</b>
<b>Company Identification: (INDIA)</b>	701, 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#
9002-88-4	Linear Poly(ethylene), low density		unlisted

<b>Hazard Symbols:</b>	None listed
<b>Risk Phrases:</b>	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

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



### Section 6 - Accidental Release Measures

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

### Section 7 - Handling and Storage

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

### Section 8 - Exposure Controls, Personal Protection

<b>Engineering Controls:</b>	
	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.
<b>Exposure Limits</b>	CAS# 9002-88-4:

#### Personal Protective Equipment

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

### Section 9 - Physical and Chemical Properties

<b>Physical State:</b>	Pellets
<b>Color:</b>	white - colorless
<b>Odor:</b>	Not available
<b>pH:</b>	Not available
<b>Vapor Pressure:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Boiling Point:</b>	Not available
<b>Freezing/Melting Point:</b>	130 - 145 deg C
<b>Autoignition Temperature:</b>	Not available
<b>Flash Point:</b>	> 231 deg C (> 447.80 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>	INSOLUBLE IN ORGANIC SOLVENTS (20°C)
<b>Specific Gravity/Density:</b>	0.9200 g/cc
<b>Molecular Formula:</b>	(-CH <sub>2</sub> CH <sub>2</sub> -) <sub>n</sub>
<b>Molecular Weight:</b>	



### 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, irritating and toxic fumes and gases, carbon dioxide.
<b>Hazardous Polymerization</b>	Has not been reported.

### Section 11 - Toxicological Information

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

	<b>IATA</b>	<b>IMO</b>	<b>RID/ADR</b>
<b>Shipping Name:</b>	Not available	Not available	Not available
<b>Hazard Class:</b>			
<b>UN Number:</b>			
<b>Packing Group:</b>			

### Section 15 - Regulatory Information

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



## Section 16 - Other Information

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

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.*