



Low Density Polyethylene MSDS

(Material Safety Data Sheet)

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

- 1) Product name: Low density polyethylene (LDPE)
- 2) Company identification:
 1. Prepared by: Shijiazhuang Yiyuan Plastic Co., Ltd.
 2. Address: No.13 Nongji Street, Shijiazhuang City
3. Telephone & Fax: Tel: +86-311-87752286, Fax: +86-311-87713624
4. Issue data: 2007. 8.26

SECTION 2. COMPOSITION/ INFORMATION ON INGREDIENTS

- 1) CAS number: 9002-88-4
- 2) Chemical name: Low density polyethylene (LDPE) 3) %:
- 4) EINECS number: Unlisted

SECTION 3. HAZARD IDENTIFICATION

- 1) Appearance: White
- 2) Cancer suspect agent
- 3) Target organs: None
- 4) Potential health effects:

The toxicological properties of this material have not been investigated.

Use appropriated procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation.

SECTION 4. FIRST AID MEASURES

- 1) Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids.
- 2) Skin: Flush skin with plenty of soap and water for at least 15minutes, while removing contaminated clothing and shoes.
- 3) Ingestion: Do not induce vomiting. Allow the victim to rinse his mouth then to drink 2-4 cupfuls of water and seek medical advice.
- 4) Inhalation: Remove from exposure to fresh air immediately.
- 5) Notes to physician: Treat symptomatically and supportively.

SECTION 5. FIRE-FIGHTING MEASURES

- 1) General information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

- 2) Extinguishing media:

In case of fire, use water, dry chemical, chemical foam, or alcohol-resistance foam.



- 3) Autoignition temperature: Not available
- 4) Flash point: Not available
- 5) Explosion limits, lower: Not available, upper: Not available

SECTION 6. ACCIDENTAL RELEASE MEASURES

- 1) General information:

Use proper personal protective equipment as indicated in section 8.

- 2) Spill/ leaks:

Clean up spills immediately, observing precautions in the protective equipment section. Sweep up, and then place into a suitable container for disposal.

SECTION 7. HANDING AND STROAGE

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

SECTION 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

- 1) 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.

- 2) Exposure limits

1. Chemical name: Low density polyethylene
2. <Chemical dangerous objects safety administration ordinance>-Listed
3. <Chemical dangerous objects safety administration performance detailed rules>-Listed 4.<Provision of safe use of chemicals in working place>-Listed

- 4) Personal protective equipment:

1. Eyes: Wear safety glasses and chemical goggles if splashing is possible
2. Skin: Wear appropriate protective gloves and clothing to prevent skin exposure.
3. Clothing: Wear appropriate protective clothing to minimize contact with skin.
4. Respirators: Wear a government approved pressure mode with emergency escape provisions.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- 1) Physical state: Not available
- 2) Appearance: White
- 3) Odor: None reported
- 4) PH: Not available
- 5) Vapor pressure: Not available
- 6) Vapor density: Not available
- 7) Evaporation rate: Not available
- 8) Viscosity: Not available
- 9) Boiling point: Not available
- 10) Melting point: 100~120 deg C
- 11) Decomposition temperature: Not available
- 12) Solubility: Insoluble in water.



- 13) Specific gravity/ density: 0.918~0.930
- 14) Molecular formula: Not available
- 15) Molecular weight: Not available

SECTION 10. STABILITY AND REACTIVITY

- 1) Chemical stability: Stable under normal temperature and pressure
- 2) Conditions to Avoid: Incompatible materials, strong oxidants
- 3) Incompatibilities with other materials: Strong oxidizing agents.
- 4) Hazardous decomposition product: Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.
- 5) Hazardous polymerization: Has not been reported.

SECTION 11. TOXICOLOGICAL INFORMATION

CAS No. 9002-88-4

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: Not available

SECTION 13. DISPOSAL CONSIDERATIONS

- 1) Dispose of in a manner consistent with state and local regulations.
- Not listed as a material banned from land disposal according to China Law.

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.