	MSDS	ISSUE DATE	Apr-16
	POLYETHYLENE	WWW.TPCO.IR	
IRAN/TABRIZ/TABRIZ PETROCHEMICAL COMPANY/P.O.BOX:51745-354/TEL:+984134282612		Page:1/3	

1-Chemical Product & Manufacturer'S Information:

- a)chemical name : linear low density polyethylene/high density polyethylene
 b) usage : see technical data sheet for each grade.
 c)chemical type : thermoplastic
 e)prepared by : Tabriz Tetrochemical Complex
 d)manufacture'saddress:Iran-E.Azarbayjan-AzarshahrRoad-TPC-P.O.POX:51745-354

2. HAZARDS IDENTIFICATION:

Physico-chemical properties: No hazards resulting from material as supplied.
 Properties affecting health: No hazards resulting from material as supplied.
 Environmental properties: No hazards resulting from material as supplied.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

Polyethylene: 0 - 100 %wt(CAS NO.: 9002-88-4)
 Eye contact: Cool skin rapidly with cold water after contact with hot polymer.
 Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
 Skin contact: Cool skin rapidly with cold water after contact with hot polymer.

4. FIRST AID MEASURES

- Inhalation: Move to fresh air. Consult a physician if necessary
- Eye contact: Cool skin rapidly with cold water after contact with hot polymer. Rinse immediately with Plenty of water, also under the eyelids, for at least 15 minutes.
- Skin contact: Cool skin rapidly with cold water after contact with hot polymer.

5. FIRE-FIGHTING MEASURES:

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
 Extinguishing media which must not be used for safety reasons: High volume water jet


6. ACCIDENTAL RELEASE MEASURES:

Personal precautions: Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation wear suitable respiratory equipment.
 Environmental precautions: No special environmental precautions required
 Methods for cleaning up: Take up mechanically and collect in suitable container for disposal.

7. HANDLING AND STORAGE:

Handling

Safe handling advice: Preparation may charge electrostatically: always use earthing leads when transferring from one container to another. Avoid dust formation. In case

	MSDS	ISSUE DATE	Apr-16
	POLYETHYLENE	WWW.TPCO.IR	
IRAN/TABRIZ/TABRIZ PETROCHEMICAL COMPANY/P.O.BOX:51745-354/TEL:+984134282612		Page:2/3	

of insufficient ventilation, wear suitable respiratory equipment. Provide for appropriate exhaust ventilation and dust collection at machinery.

Storage

Technical measures/Storage conditions: Keep in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Personal protective equipment

Respiratory protection: (P2) effective dust mask

Hand protection: Latex gloves (ketone resistant)

Eye protection: Safety glasses with side-shields

Skin and body protection Wear suitable protective equipment

Hygiene measures: When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Ensure adequate ventilation, especially in confined areas.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical state: Granules - crystalline powder

Colour :Coloured - off-white

Odour:None

Density :< 1

Melting point/range: 105 - 130 °C

Flash point :> 300 °C

Autoignition temperature: > 350 °C

Water solubility: None

Solubility in other solvents: None

Thermal sensitivity: Fumes - risk of decomposition

10. STABILITY AND REACTIVITY:

Stability: Upon prolonged heating above 300 °C decomposition products may be released. Inhalation of vapours in high concentration may cause irritation of respiratory system.

Materials to avoid: None


Hazardous decomposition products: None

11. TOXICOLOGICAL INFORMATION:

Acute toxicity

Eye contact: Dust causes irritation to the eyes, skin and mucous membranes and may lead to toxic lung oedemas.

Skin contact: Dust causes irritation to the eyes, skin and mucous membranes and may lead to toxic lung oedemas.

	MSDS	ISSUE DATE	Apr-16
	POLYETHYLENE	WWW.TPCO.IR	
IRAN/TABRIZ/TABRIZ PETROCHEMICAL COMPANY/P.O.BOX:51745-354/TEL:+984134282612		Page:3/3	

Inhalation: Dust causes irritation to the eyes, skin and mucous membranes and may lead to toxic lung oedemas.

Chronic toxicity

Carcinogenic effects: No information available

Mutagenic effects: No information available

Reproductive toxicity: No information available

12. ECOLOGICAL INFORMATION:

Ecotoxicity effects: This product has no known eco-toxicological effects.

13. DISPOSAL CONSIDERATIONS:

Waste from residues / unused products: Can be landfilled or incinerated, when in compliance with the Environmental Protection (Duty of Care) Regulations 1991.

Contaminated packaging: Dispose of in accordance with local regulations

14. TRANSPORT INFORMATION:

Land transport: Not classified as dangerous in the meaning of transport regulations.

Class

Sea transport: Not classified as dangerous in the meaning of transport regulations.

Class

Air transport: Not classified as dangerous in the meaning of transport regulations.

Class

15. REGULATORY INFORMATION:

Symbol(s): not regulated

R-phrase(s):not regulated

S-phrase(s): not regulated

16- Other Information

Although the information contained in this document is presented in good faith, base on available information believed to be reliable at the time of preparation of this document, TPC makes no warranties or representations with respect to the information or the products described herein, and expressly disclaims all implied warranties and conditions (including all warranties and conditions of merchantability or fitness for a particular purpose).this information is subject to change without notice.responsibility for use, storage, handling and disposal of the products described herein, whether alone or in combination with any other substance, is that of the purchaser and/or end user.