

“Kiyanly Polymer Plant” Address: Balkan region, Turkmenistan Polyethylene High Density (Granule) TDS 1097-2018 HS code: 3901 20	Material Safety Data Sheet	File No	MSDS HDPE T60-475 - 119
		Issue Data	2018/06/22
	High density Polyethylene (HDPE)	Revision Data	
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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: High Density Polyethylene, GRADE: T60-475-119

Recommended use of the chemical and restrictions on use

Recommended use: Polymer

Prime raw material

Restrictions on use: No data available

Manufacturer or supplier's

Manufacturer : “Kiyanly Polymer Plant” . **HDPE Plant**

2. HAZARDS IDENTIFICATION

GHS Classification

No data available

This material is not classified as hazardous under the Article 39 Paragraph 1 of the Industrial Safety and Health Act (ISHA). It is not regulated for the MSDS creation and labeling by the provision of Article 41 Paragraph 1 of the ISHA.

GHS Label element

This material is not classified as hazardous under the Article 39 Paragraph 1 of the Industrial Safety and Health Act (ISHA). It is not regulated for the MSDS creation and labeling by the provision of Article 41 Paragraph 1 of the ISHA.

Other hazards which do not result in classification

No information available.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Components

Chemical Name	Common Name	CAS-No.	Concentration (%)
Polyethylene	Polyethylene	9002-88-4	>= 95 ~ <= 100

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4. FIRST AID MEASURES

General advice	:	No hazards which require special first aid measures
In case of eye contact	:	Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.
In case of skin contact	:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
If inhaled	:	Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.
If swallowed	:	Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed	:	None known.
Protection of first-aiders	:	No data available
Notes to physician	:	No data available

5. FIRE-FIGHTING MEASURES

Suitable and unsuitable extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : No data available

Specific hazards during : No data available

firefighting

Hazardous combustion products : No data available

Hazardous combustion products : No data available

Specific extinguishing methods : Standard procedure for chemical fires.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Avoid dust formation.

Environmental precautions : No special environmental precautions required.

Methods and materials for containment and cleaning up : Sweep up and shovel.
Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Advice on safe handling : For personal protection see section 8.
No special handling advice required.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place

Materials to avoid . : No special restrictions on storage with other products

Recommended storage temperature : No data available

Storage period : No data available

Packaging material : No data available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures : No data available

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Eye protection : Safety glasses

Hand protection : For prolonged or repeated contact use protective gloves.

Remarks

Skin and body protection : Protective suit

Hygiene measures : General industrial hygiene practice.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Solid form
Melt flow rate (2.16 kg load)	4 – 5.6 (g/10min)
Melting point/freezing point	: 129 °C
Upper/Lower explosion limit	
Density	: 0.959 – 0.963 g/cm3
Auto-ignition temperature	: 330 °C

10. STABILITY AND REACTIVITY

Chemical stability and possibility of hazardous reactions	: Stable under recommended storage conditions. No decomposition if stored and applied as directed. No hazards to be specially mentioned.
Conditions to avoid	: No data available
Incompatible materials	No data available
Hazardous decomposition products	No data available

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	: No data available
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Health hazard information

Acute toxicity	: No data available
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Components:

Trade Secret:

Acute oral toxicity	: LD50 (Rabbit): 10,000 mg/kg
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Skin corrosion/irritation

<u>Product:</u>	: Remarks: According to the classification criteria of the European Union, the product is not considered as being a skin irritant.
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Serious eye damage/eye irritation

<u>Product:</u>	: Remarks: According to the classification criteria of the European Union, the product is not considered as being an eye irritant.
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Respiratory or skin sensitisation

Product: : Remarks: No data available

Carcinogenicity

Components:

Trade Secret:

Carcinogenicity - Assessment : Carcinogenicity classification not possible from current data.

Germ cell mutagenicity : No data available

Reproductive toxicity : No data available

STOT - single exposure : No data available

STOT - repeated exposure : No data available

Aspiration toxicity : No data available

Further information

Product: : Remarks: No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity : No data available

Persistence and degradability : No data available

Bioaccumulative potential : No data available

Mobility in soil : No data available

Other adverse effects : No data available

Product:

Additional ecological information : There is no data available for this product.

13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging : Empty remaining contents.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

Disposal precautions : Dispose of in accordance with local regulations.

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14. TRANSPORTATION REQUIREMENTS

International Regulation

UNRTDG : Not regulated as a dangerous good

IATA-DGR : Not regulated as a dangerous good

IMDG-Code : Not regulated as a dangerous good

UN number : Not applicable

Proper shipping name : Not applicable

Class : Not applicable

Subsidiary risk : Not applicable

Packing group : Not applicable

Labels : Not applicable

EmS Code : Not applicable

Marine pollutant : Not applicable

Not applicable for product as supplied

National Regulations : Refer to section 15 for specific national regulation

Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations

15. REGULATORY INFORMATION

National regulatory information

Industrial Safety and Health Act

Harmful Substances Prohibited from Manufacturing : Not relevant

Harmful Substances Required Permission for : Not relevant

Manufacture

Controlled Hazardous Substances : Not relevant

Controlled Substances Subject to Environment : Not relevant

Monitoring

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Controlled Substances Subject to Health Examination	:	Not relevant
Toxic Chemicals Control Act		
Toxic Chemicals	:	Not relevant
Observational chemicals	:	Not relevant
Restricted Chemicals	:	Not relevant
Prohibited Chemicals	:	Not relevant
Toxic Release Inventory	:	Not relevant
Accident Precaution Chemicals	:	Not relevant
Dangerous Substances Safety Management Act	:	Not Applicable to Dangerous Materials
Wastes Control Act	:	
Industrial waste	:	Follow article 13 of the act to dispose the product waste
Other requirements in domestic and other countries	:	No data available

16. ADDITIONAL INFORMATION

Sources of key data used to compile the Safety Data Sheet	:	No data available
Revision number and date		
Number of Revision	:	1
Revision Date	:	2019/06/23
Other information	:	No data available
Date format	:	yyyy/mm/dd

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