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## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Polypropylene, GRADE: FR-170H

Recommended use of the chemical and restrictions on use

Recommended use:                    Polymer  
    Raw material

Restrictions on use:     No data available

### Manufacturer or supplier's details

- ① Prepared by: JV "Uz-Kor Gas Chemical" LLC. PP Plant
- ② Address: Akcholak, Kungrad region, Republic of Karakalpakstan, Uzbekistan
- ③ Telephone & Fax: (+99871) 238-92-23, 238-92-24
- ④ Revision Date: 2016.06.17

## SECTION 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.

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Common Name	CAS-No	Concentration (%)
Polypropylene	Polypropylene	9003-07-0	>= 95 ~ <= 100

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#### SECTION 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

#### SECTION 5. 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
<b>Specific hazards during firefighting</b>	:	No data available
Hazardous combustion products	:	No data available
Specific extinguishing methods	:	Standard procedure for chemical fires
<b>Special protective equipment for firefighters</b>	:	In the event of fire, wear self-contained breathing apparatus

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## SECTION 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

## SECTION 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

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Components with workplace control parameters** : No data available
- Engineering measures** : No data available
- Personal protective equipment** : No personal respiratory protective equipment normally required
- Respiratory protection : required
- Eye protection : Safety glasses
- Hand protection   Remarks : For prolonged or repeated contact use protective gloves
- Skin and body protection : Protective suit
- Hygiene measures : General industrial hygiene practice

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES


Appearance	: Solid form
Melting point/range	: 155~165 °C
Upper/Lower explosion limit	
Solubility(ies)	
Water solubility	: insoluble
Density	: 0.85 ~ 0.95 g/cm <sup>3</sup>
Autoignition temperature	: 330 °C

## SECTION 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

## SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	: No data available
<b>Health hazard information Acute toxicity</b>	
Acute toxicity	: No data available
Skin corrosion/irritation	
<b>Product:</b>	
Remarks: According to the classification criteria of the European Union, the product is not considered as being a skin irritant.	
Serious eye damage/eye irritation	
<b>Product:</b> Remarks: According to the classification criteria of the European Union, the product is not considered as being an eye irritant	
Respiratory or skin sensitisation	
<b>Product:</b>	: Remarks: No data available
Carcinogenicity	: No data available

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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

## SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity  
 Components: Trade Secret:  
 Toxicity to fish : LC50 (Fish): 10,000 mg/l  
 Exposure time: 24 h  
  
 Persistence and degradability  
 Bioaccumulative potential No data available  
 Components: Trade Secret:  
 Bioaccumulation : Bioconcentration factor (BCF): 3.16  
 Mobility in soil : No data available  
 Other adverse effects  
 Product No data available  
 Additional ecological information : There is no data available for this product.

## SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods  
 Waste from residues : Offer surplus and non-recyclable solutions to a li-censed 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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## SECTION 14. TRANSPORTATION REQUIREMENTS

### International Regulation

<b>UNRTDG</b>	:	Not regulated as a dangerous good
<b>IATA-DGR</b>	:	Not regulated as a dangerous good
<b>IMDG-Code</b>	:	Not regulated as a dangerous good
<b>UN number</b>	:	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

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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
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## SECTION 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

**Controlled Substances Subject to Health Examination** : Not relevant

#### Toxic Chemicals Control Act

**Toxic Chemicals** : Not relevant

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

## SECTION 16. OTHER INFORMATION

Sources of key data used to compile the Safety

Data Sheet	: No data available
<b>Revision number and date</b>	
Number of Revision	: 1
Revision Date	: 2016/06/17
Other information	: No data available
Date format	: yyyy/mm/dd

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