 <p>JV "Uz-Kor Gas Chemical" LLC Republic of Uzbekistan, 100128, Tashkent city, 112 Zulfiyakhonim str. Tel/fax.: (+99878) 129-29-00 E-mail: info@uz-kor.com Homepage: www.uz-kor.com</p>	Material Safety Data Sheet	File No	MSDS PP FC-550
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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Polypropylene, GRADE: FC-550

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: Akchalak, Kungrad region, Republic of Karakalpakstan, Uzbekistan
- ③ Telephone & Fax: (+99878) 129-29-00
- ④ Revision Date: 2021.05.04

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 (%)
Trade Secret	Trade Secret	Trade Secret	<1
1-Propene, polymer with ethene	1-Propene, polymer with ethene	9010-79-1	$\geq 95 \sim \leq 100$

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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
Specific hazards during firefighting	:	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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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 Respiratory protection** : No personal respiratory protective equipment normally 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	:	142~148 °C
Upper/Lower explosion limit		
Solubility(ies)		
Water solubility	:	insoluble
Density	:	0.85 ~ 0.95 g/cm ³

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

Health hazard information Acute toxicity


Product:

Acute oral toxicity : Acute toxicity estimate : > 5 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: Calculation method

Components:

Trade Secret:

Acute oral toxicity : LD50 (Rabbit): 3,160 mg/kg
Acute inhalation toxicity : LC50 (Rabbit): 2.2 mg/l
Exposure time: 1 h
Acute dermal toxicity : LD50 (Rabbit): 2,000 mg/kg

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Skin corrosion/irritation

Product:

Remarks: According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

Components:

Trade Secret:

Species: Rabbit

Result: Severe skin irritation

Serious eye damage/eye irritation

Product: Remarks: According to the classification criteria of the European Union, the product is not considered as being an eye irritant

Respiratory or skin sensitization

Product: : Remarks: No data available

Carcinogenicity : No data available

Germ cell mutagenicity : No data available

Reproductive toxicity : No data available

STOT - single exposure : No data available

STOT - repeated exposure : No data available

Components:

Trade Secret: : Target Organs: Blood

Assessment: Shown to produce significant health effects in animals at concentrations of >50 to 250 ppmV/6h/d.

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): 5,000 mg/l
 Exposure time: 96 h

Toxicity to daphnia and : EC50 (Crustaceans): 7,600 mg/l

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other aquatic invertebrates

Exposure time: 48 h

Toxicity to algae

EC50 (Pseudokirchneriella subcapitata (aglae)): 440

mg/l. Exposure time: 72 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.

SECTION 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

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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

SECTION 15. REGULATORY INFORMATION

National regulatory information

Industrial Safety and Health Act

Harmful Substances Prohibited from Manufacturing : Not relevant

**Harmful Substances Required Permission for
Manufacture** : Not relevant

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

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

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SECTION 16. OTHER INFORMATION

Sources of key data used to compile the Safety

Data Sheet : No data available

Revision number and date

Number of Revision : 2

Revision Date : 2021/05/04

Other information : No data available

Date format : yyyy/mm/dd

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