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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Polypropylene, GRADE: B-520

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

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SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Chronic aquatic toxicity : Category 3

GHS Label element

Hazard pictograms : None Signal word : None

Hazard statements : H412 Harmful to aquatic life with long

lasting effects.

Precautionary statements : None General Information: : None

Prevention: : P273 Avoid release to the environment.

Response: : None Storage: : None

Disposal: : P501 Dispose of contents and container

(according to the description in the related

regulation).

Other hazards which do not

result in classification

No information available.

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SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Common Name	CAS-No	Concentration (%)
Trade Secret	Trade Secret	Trade Secret	<1
1-Propene, polymer with	1-Propene, polymer with	9010-79-1	>= 95 ~ <= 100
ethylene	ethylene	9010-79-1	/= 93 ~ <= 100

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 lo-cal

circumstances and the surrounding environment

Unsuitable extinguishing media : No data available

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Specific hazards during : No data available

firefighting

Hazardous combustion prod-ucts : No data available

Specific extinguishing methods : Standard procedure for chemical fires

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

firefighters

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment : Avoid dust formation

and emergency procedures

Environmental precautions : No special environmental precautions

required.

Methods and materials for : Sweep up and shovel.

containment and cleaning up 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 tem- : No data available

perature

Storage period : No data available
Packaging material : No data available

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control : No data available

parameters

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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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Solid form

Melting point/range : 140 °C

Upper/Lower explosion limit

Solubility(ies)

Water solubility : insoluble

Density : $0.85 \sim 0.95 \text{ g/cm}3$

Autoignition temperature : 330 °C

SECTION 10. STABILITY AND REACTIVITY

Chemical stability and possibility of : Stable under recommended storage conditions.

hazardous reactions 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 : No data available

exposure

Health hazard information

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Acute toxicity : No data available

Skin corrosion/irritation

Product:

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

<u>Product</u>: Remarks: According to the classification criteria of the European Union, the product is not

considered as being an eye irritant

<u>Components</u> Trade Secret : Result: Eye irritation

Respiratory or skin sensitisation

Product: : Remarks: No data available

Carcinogenicity

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 : No data available

Remarks :

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components: : Trade Secret

Toxicity to daphnia and : EC50 (Crustaceans): 0.018 mg/l

other aquatic invertebrates Exposure time: 48 h

Toxicity to algae : EC50 (Pseudokirchneriella subcapitata (aglae)):

0.017 mg/l Exposure time: 96 h

Persistence and degradability : No data available
Bioaccumulative potential : No data available
Mobility in soil : No data available

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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 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

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Special precautions for user Not classified as dangerous in the meaning of

Remarks transport regulations

SECTION 15. REGULATORY INFORMATION

National regulatory information

Industrial Safety and Health Act

Harmful Substances Prohibited from Not relevant

Manufacturing

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 Not relevant

Examination

Toxic Chemicals Control Act

Toxic Chemicals Not relevant **Observational chemicals** Not relevant **Restricted Chemicals** Not relevant **Prohibited Chemicals** 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 : 1

Revision Date : 2016/08/15

Other information : No data available

Date format : yyyy/mm/dd

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