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Section 1: Identification

1.1 Product identifier

Product name, Polypropylene

1.2 Recommended use of the chemical and restrictions on use

Identified uses industrial and scientific research use

Uses advised against no data available

1.3 Supplier's details

Company Tabriz Petrochemical Complex

Address Iran-E. Azarbayjan-AzarshahrRoad-TPC-P.O.POX:51745-354

Section 2: Hazard identification

2.1 Classification of the substance or mixture

Not classified.

2.2 GHS label elements, including precautionary statements

Pictogram(s) No symbol.

Signal word No signal word.

Hazard statement(s) none

Prevention none

Response none

Storage none

Disposal none

2.3 Other hazards which do not result in classification: No data available

Section 3: Composition/information on ingredients

Common name	CAS number	EC number	Concentration
Polypropylene	9003-07-0	618-352-4	100%

Section 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled

Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.

Following skin contact

Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.


Following eye contact

Rinse with pure water for at least 15 minutes. Consult a doctor.

Following ingestion

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or poison control center immediately.

4.2 Most important symptoms/effects, acute and delayed: No data available.

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4.3 Indication of immediate medical attention and special treatment needed, if necessary:

No data available.

Section 5: Fire-fighting measures

5.1 Suitable extinguishing media: Use dry chemical, carbon dioxide or alcohol-resistant foam.

5.2 Specific hazards arising from the chemical: Carbon oxides, Acrolein formaldehyde-like, Nature of decomposition products not known, Carbon oxides

5.3 Special protective actions for fire-fighters: Wear self-contained breathing apparatus for firefighting if necessary.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing mist, gas or vapors. Avoid contacting with skin and eye. Use personal protective equipment. Wear chemical impermeable gloves. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

6.2 Environmental precautions

Prevent further spillage or leakage if it is safe to do so. Do not let the chemical enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handling in a well-ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.

7.2 Conditions for safe storage, including any incompatibilities

Store the container tightly closed in a dry, cool and well-ventilated place. Store apart from foodstuff containers or incompatible materials.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure limit values: no data available


Biological limit values: no data available

8.2 Appropriate engineering controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection: Wear tightly fitting safety goggles with side-shields conforming to EN 166(EU) or NIOSH (US).

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Skin protection: Wear fire/flammable resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection: If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.

Thermal hazards: no data

SECTION9: Physical and chemical properties and safety characteristics

Physical state: Granules-crystalline power

Color: Colored –off-white

Odor: no data available

Melting point: 155~165°C

Flash point: no data available

Auto-ignition temperature: no data available

Solubility: None

Density and/or relative density: ~0.9g/cm³

Thermal sensitivity: Fumes-risk of decomposition

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Strong oxidizing agents, Chlorine, permanganates, for example potassium permanganate

10.6 Hazardous decomposition products

See section 5

SECTION 11: Toxicological information

Acute toxicity

Oral: No data available

Inhalation: No data available

Dermal: No data available

LD50 Intraperitoneal - Rat - > 110.000 mg/kg


Remarks: Sense Organs and Special Senses (Nose, Eye, Ear, and Taste): Eye: Lacrimation.

Sense Organs and Special Senses (Nose, Eye, Ear, and Taste): Eye: Ptosis.

Behavioral: Convulsions or effect on seizure threshold.

LD50 Intravenous - Rat - > 99.000 mg/kg

Remarks: Behavioral: Tremor.

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Cyanosis

Nutritional and Gross Metabolic: Changes in: Body temperature decrease.

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

Additional Information

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish: no data available

Toxicity to daphnia and other aquatic invertebrates: no data available

Toxicity to algae: no data available

Toxicity to microorganisms: no data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Other adverse effects


No data available

SECTION 13: Disposal considerations

13.1 Disposal methods

Product

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

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Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

SECTION 14: Transport information

14.1UN Number

IATA: Not dangerous. Goods. (For reference only, please check.)
 IMDG: Not dangerous. Goods. (For reference only, please check.)
 ADR/RID: Not dangerous. Goods. (For reference only, please check.)

14.2UN Proper Shipping Name

IATA: Not dangerous. Goods. (For reference only, please check.)
 IMDG: Not dangerous. Goods. (For reference only, please check.)
 ADR/RID: Not dangerous. Goods. (For reference only, please check.)

14.3Transport hazard class (ES)

IATA: Not dangerous. Goods. (For reference only, please check.)
 IMDG: Not dangerous. Goods. (For reference only, please check.)
 ADR/RID: Not dangerous. Goods. (For reference only, please check.)

14.4Packing group, if applicable

IATA: Not dangerous. Goods. (For reference only, please check.)
 IMDG: Not dangerous. Goods. (For reference only, please check.)
 ADR/RID: Not dangerous. Goods. (For reference only, please check.)

14.5Environmental hazards

IATA: No
 IMDG: No
 ADR/RID: No

14.6Special precautions for user

No data available


14.7Transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

15.1Safety, health and environmental regulations specific for the product in question

EC number	CAS number	Common names and synonyms	Chemical name
618-352-4	9003-07-0	polypropylene	polypropylene
Not Listed.	European Inventory of Existing Commercial Chemical Substances (EINECS)		
Not Listed.	EC Inventory		
Listed.	United States Toxic Substances Control Act (TSCA) Inventory		
Not Listed.	China Catalog of Hazardous chemicals 2015		
Listed.	New Zealand Inventory of Chemicals (NZIoC)		
Listed.	Philippines Inventory of Chemicals and Chemical Substances (PICCS)		
Listed.	Vietnam National Chemical Inventory		
Listed.	Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)		
Listed.	Korea Existing Chemicals List (KECL)		

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16- Other Information

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