

# Polypropylene – C700 HT

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 6/6/2022 Revision date: 6/6/2022 Version: 1.0 SDS number: P2022052308

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Substance  
Substance name : Polypropylene  
Grade Name : C700 HT  
CAS-No. : 9010-79-1

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Use of the substance/mixture : Plastic Production

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Sahara International Petrochemical Company (Sipchem)  
Saudi Arabia, Jubail Industrial City 31961, P.O Box 12021.  
T 966 13 359 9999  
[complianceps@sipchem.com](mailto:complianceps@sipchem.com) - <https://www.sipchem.com>

#### 1.4. Emergency telephone number

T +966 13 359 9985 (24 x 7)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

##### Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

#### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Name : Polypropylene

| Name          | Product identifier | %   |
|---------------|--------------------|-----|
| Polypropylene | CAS-No.: 9010-79-1 | 100 |

#### 3.2. Mixtures

Not applicable

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  |
| First-aid measures after inhalation   | : Exposure to elevated temperatures can cause PP to decompose. Decomposition products may include trace amounts of hydrocarbons, Carbon dioxide & Carbon monoxide. Fumes from decomposition or burning can be irritating. In case of inhalation, bring patient into fresh air. Get medical advice if the symptoms continue.                              |
| First-aid measures after skin contact | : Hot molten product stick to the skin immediately. Treat the affected part with cold water (by spraying or immersion), no attempt should be made to detach molten product adhering to the skin or to remove clothing attached with molten material, injured areas should be treated as thermal burns, in case of server burns, seek hospital treatment. |
| First-aid measures after eye contact  | : Polymer dust/powder irritates the eyes. Treat the eyes with cold water; seek immediately special attention at hospital or medical centre, in case of irritation caused by fine dust. Wash with copious volumes of water, until the irritation disappears. If irritation persists, get immediate medical attention.                                     |
| First-aid measures after ingestion    | : Get medical advice. No specific measures have to be taken if the product is swallowed/ingested.  |

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
 Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : On combustion forms: carbon oxides  
 Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Protective equipment for firefighters : Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product. On land, sweep or shovel into suitable containers. Minimise generation of dust. Store away from other materials.

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : "Disposal considerations".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Provide good ventilation in process area to prevent formation of vapour.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed in a cool, well-ventilated place. Keep container closed when not in use. Store in a well-ventilated place. Keep cool.

### 7.3. Specific end use(s)

No additional information available

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

##### Polypropylene (9003-07-0)

##### Czech Republic - Occupational Exposure Limits

|                      |   |
|----------------------|---|
| Local name           | Prach polypropylenu                                   |
| PEL (OEL TWA)        | 5 mg/m <sup>3</sup> (dust)                            |
| Remark               | Prachy s převážně dráždivým účinkem.                  |
| Regulatory reference | Nařízení vlády č. 361/2007 Sb. (Předpis 195/2021 Sb.) |

##### Latvia - Occupational Exposure Limits

|         |  |
|---------|--|
| OEL TWA | 5 mg/m <sup>3</sup> (dust (Polymers dust)) |
|---------|--|

##### Lithuania - Occupational Exposure Limits

|                      |   |
|----------------------|---|
| Local name           | Polipropilenas (nestabilizuotas)                                  |
| IPRV (OEL TWA)       | 10 mg/m <sup>3</sup>  |
| Regulatory reference | LIETUVOS HIGIENOS NORMA HN 23:2011 (Nr. V-695/A1-272, 2018-06-12) |

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

##### Personal protective equipment:

Avoid all unnecessary exposure.

##### 8.2.2.1. Eye and face protection

##### Eye protection:

Chemical goggles or safety glasses. Use eye protection according to EN 166. Safety glasses

##### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Wear protective gloves. Wear suitable gloves tested to EN374

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 8.2.2.3. Respiratory protection

**Respiratory protection:**

Wear appropriate mask

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

**Environmental exposure controls:**

Avoid release to the environment.

**Other information:**

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |  |
|---|--|
| Physical state                                  | : Solid                                |
| Colour  | : White.                               |
| Appearance                                      | : Granulate.                           |
| Odour   | : Not available                        |
| Odour threshold                                 | : Not available                        |
| Melting point                                   | : 140 – 163 °C                         |
| Freezing point                                  | : Not applicable                       |
| Boiling point                                   | : Not available                        |
| Flammability                                    | : Non flammable.                       |
| Explosive limits                                | : Not applicable                       |
| Lower explosion limit                           | : Not applicable                       |
| Upper explosion limit                           | : Not applicable                       |
| Flash point                                     | : Not applicable                       |
| Auto-ignition temperature                       | : > 400 °C                             |
| Decomposition temperature                       | : > 300 °C                             |
| pH  | : Not available                        |
| pH solution                                     | : Not available                        |
| Viscosity, kinematic                            | : Not applicable                       |
| Solubility                                      | : Not available                        |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                        |
| Vapour pressure                                 | : Not available                        |
| Vapour pressure at 50 °C                        | : Not available                        |
| Density   | : 0.89 – 0.91 g/cm <sup>3</sup> @20 °C |
| Relative density                                | : Not available                        |
| Relative vapour density at 20 °C                | : Not applicable                       |
| Particle size                                   | : Not available                        |
| Particle size distribution                      | : Not available                        |
| Particle shape                                  | : Not available                        |
| Particle aspect ratio                           | : Not available                        |
| Particle aggregation state                      | : Not available                        |
| Particle agglomeration state                    | : Not available                        |
| Particle specific surface area                  | : Not available                        |
| Particle dustiness                              | : Not available                        |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### 9.2.2. Other safety characteristics

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

|                                   |                     |
|-----------------------------------|---------------------|
| Acute toxicity (oral)             | : No data available |
| Acute toxicity (dermal)           | : No data available |
| Acute toxicity (inhalation)       | : No data available |
| Skin corrosion/irritation         | : No data available |
| Serious eye damage/irritation     | : No data available |
| Respiratory or skin sensitisation | : No data available |
| Germ cell mutagenicity            | : No data available |
| Carcinogenicity                   | : Not classified    |

### Polypropylene (9003-07-0)

IARC group : 3 - Not classifiable

|                        |                     |
|------------------------|---------------------|
| Reproductive toxicity  | : No data available |
| STOT-single exposure   | : No data available |
| STOT-repeated exposure | : No data available |
| Aspiration hazard      | : No data available |

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

No additional information available

#### 11.2.2. Other information

Other information : Likely routes of exposure: ingestion, inhalation, skin and eye

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : No data available  
Hazardous to the aquatic environment, long-term (chronic) : No data available

### 12.2. Persistence and degradability

#### Polypropylene (9003-07-0)

Persistence and degradability : Not established.

### 12.3. Bioaccumulative potential

#### Polypropylene (9003-07-0)

Bioaccumulative potential : Not established.

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

Additional information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                     | IMDG          | IATA          | ADN           | RID           |
|---|---------------|---------------|---------------|---------------|
| <b>14.1. UN number or ID number</b>     |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.2. UN proper shipping name</b>    |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |
| <b>14.3. Transport hazard class(es)</b> |               |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated | Not regulated |

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| ADR                        | IMDG          | IATA          | ADN           | RID           |
|----------------------------|---------------|---------------|---------------|---------------|
| <b>14.4. Packing group</b> |               |               |               |               |
| Not regulated              | Not regulated | Not regulated | Not regulated | Not regulated |

|                                    |               |               |               |               |
|------------------------------------|---------------|---------------|---------------|---------------|
| <b>14.5. Environmental hazards</b> |               |               |               |               |
| Not regulated                      | Not regulated | Not regulated | Not regulated | Not regulated |

No supplementary information available

#### 14.6. Special precautions for user

##### Overland transport

Not regulated

##### Transport by sea

Not regulated

##### Air transport

Not regulated

##### Inland waterway transport

Not regulated

##### Rail transport

Not regulated

#### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Polypropylene is not on the REACH Candidate List

Polypropylene is not on the REACH Annex XIV List

Polypropylene is not subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Polypropylene is not subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Polypropylene is not subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

##### 15.1.2. National regulations

###### France

###### Occupational diseases

| Code  | Description                      |
|-------|----------------------------------|
| RG 66 | Occupational rhinitis and asthma |



according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

#### Germany

|  |   |
|--|---|
| Employment restrictions                    | : Observe restrictions according Act on the Protection of Working Mothers (MuSchG)<br>Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG) |
| Water hazard class (WGK)                   | : Not classified according to Regulation Governing Systems for Handling Substances Hazardous to Waters (AwSV)   |
| Hazardous Incident Ordinance (12. BImSchV) | : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)  |

#### Netherlands

|  |                               |
|--|-------------------------------|
| SZW-lijst van kankerverwekkende stoffen              | : The substance is not listed |
| SZW-lijst van mutagene stoffen                       | : The substance is not listed |
| SZW-lijst van reprotoxische stoffen – Borstvoeding   | : The substance is not listed |
| SZW-lijst van reprotoxische stoffen – Vruchtbaarheid | : The substance is not listed |
| SZW-lijst van reprotoxische stoffen – Ontwikkeling   | : The substance is not listed |

#### Switzerland

|                    |                      |
|--------------------|----------------------|
| Storage class (LK) | : NG - Non-hazardous |
|--------------------|----------------------|

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Abbreviations and acronyms:

|        |   |
|--------|---|
| ADN    | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR    | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE    | Acute Toxicity Estimate   |
| BCF    | Bioconcentration factor   |
| BLV    | Biological limit value  |
| BOD    | Biochemical oxygen demand (BOD)   |
| COD    | Chemical oxygen demand (COD)  |
| DMEL   | Derived Minimal Effect level  |
| DNEL   | Derived-No Effect Level   |
| EC-No. | European Community number   |
| EC50   | Effective concentration for 50 percent of test population (median effective concentration)      |
| EN     | European Standard   |
| IARC   | International Agency for Research on Cancer   |
| IATA   | International Air Transport Association   |
| IMDG   | International Maritime Dangerous Goods  |
| LC50   | Lethal concentration for 50 percent of test population (median lethal concentration)            |
| LD50   | Lethal dose for 50 percent of test population (median lethal dose)                              |
| LOAEL  | Lowest Observed Adverse Effect Level  |
| NOAEC  | No-Observed Adverse Effect Concentration  |
| NOAEL  | No-Observed Adverse Effect Level  |

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

#### Abbreviations and acronyms:

|         |   |
|---------|---|
| NOEC    | No-Observed Effect Concentration  |
| OECD    | Organisation for Economic Co-operation and Development                          |
| OEL     | Occupational Exposure Limit   |
| PBT     | Persistent Bioaccumulative Toxic  |
| PNEC    | Predicted No-Effect Concentration   |
| RID     | Regulation concerning the International Carriage of Dangerous Goods by Railways |
| SDS     | Safety Data Sheet   |
| STP     | Sewage treatment plant  |
| ThOD    | Theoretical oxygen demand (ThOD)  |
| TLM     | Median Tolerance Limit  |
| VOC     | Volatile Organic Compounds  |
| CAS-No. | Chemical Abstract Service number  |
| N.O.S.  | Not Otherwise Specified   |
| vPvB    | Very Persistent and Very Bioaccumulative  |
| ED      | Endocrine disrupting properties   |

#### Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.