SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product identifier Polypropylene
Other Identifier Polypropylene, Propylene Polymer, Propene Polymer
REACH Substance name Polypropylene
REACH Registration Number Exempted from REACH registration.

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

Use Polymer for extrusion, injection moulding, blow moulding & thermoforming applications.
Uses advised against Heat, flames and sparks.

1.3 Manufacturer or supplier’s details

Company Name Sasol Polymers
Company Address 56 Grosvenor Road
Bryanston
2021

Telephone +27 11 458 0701
E-mail address msds.info@sasol.com

1.4 Emergency Phone Number

Emergency telephone Europe, Israel, Africa, Americas +44 (0)208 762 8322
Middle East, Arabic African countries +961 3 487 287
Asia Pacific +65 3158 1074
China +86 10 5100 3039
South Africa +27 (0)17 610 4444
### SECTION 2. Hazards identification

#### 2.1 Classification of the substance or mixture

*Classification according to Regulation (EU) 1272/2008 with the correlation table 67/548/EEC or 1999/45/EC (Annex VII of CLP)*

**Classification**: This substance is not classified as dangerous according to CLP.

**Classification and labelling according to Directive 67/548/EEC.**

**Classification**: This substance is not classified as dangerous according to Directive 67/548/EEC.

#### 2.2 Label elements

*Classification according to Regulation (EU) 1272/2008 with the correlation table 67/548/EEC or 1999/45/EC (Annex VII of CLP)*

**Signal word**: This substance is not classified as dangerous according to GHS.

**Classification**: This substance is not classified as dangerous according to CLP.

**Hazard statements**: This substance is not classified as dangerous according to GHS.

**Precautionary Statement - Prevention**: This substance is not classified as dangerous according to GHS.

**Precautionary Statement - Response**: This substance is not classified as dangerous according to GHS.

**Precautionary Statement - Storage**: This substance is not classified as dangerous according to GHS.

**Precautionary Statement - Disposal**: This substance is not classified as dangerous according to GHS.
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Classification and labelling according to Directive 67/548/EEC.

R-phrase(s): This substance is not classified as dangerous according to Directive 67/548/EEC.

S-phrase(s): This substance is not classified as dangerous according to Directive 67/548/EEC.

Symbol(s)

2.3 Other hazards

Other hazards: The product does not need to be labelled in accordance with EC directives or respective national laws.

SECTION 3. Composition/information on ingredients

3.1 Substance Contains
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Polypropylene
Contents: >= 99.00 % W/W
CAS-No. 9003-07-0  Index-No.  EC-No.

SECTION 4. First aid measures

4.1 Description of necessary first-aid measures

Inhalation  Product does not release fumes at ambient temperatures. If exposed to fumes from heated polymer move to fresh air environment.

Skin contact  At room temperature the product is not considered harmful when in contact with skin. In case of skin contact with molten polymer immediately submerge the affected area in cold water to cool down polymer.

Eye contact  At room temperature the product is not considered hazardous in contact with eyes. In case of eye contact with molten polymer, cool under running water for 3-5 minutes. Do not attempt to remove molten polymer. Get medical attention immediately.

Ingestion  At room temperature the product is not considered harmful when swallowed.

4.2 Most important symptoms/effects, acute and delayed

Refer to SECTION 11

4.3 Indication of immediate medical attention and special treatment needed

Refer to SECTION 4.2
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SECTION 5. Fire-fighting measures

5.1 Suitable extinguishing media
Dry chemical, Carbon dioxide (CO2), Water spray

5.2 Special hazards arising from the substance or mixture
Substance evolves carbon dioxide, carbon monoxide and other hydrocarbons when burnt. These gases may be suffocating or toxic in confined spaces.

5.3 Special protective equipment for fire-fighters
Wear self-contained breathing apparatus and protective suit.

SECTION 6. Accidental release measures

6.2 Environmental precautions
No special environmental precautions required.

6.3 Methods for cleaning up
Shovel into suitable container for disposal.

6.4 Reference to other sections
Refer to Section 8 and 13

SECTION 7. Handling and storage

7.1 Safe handling advice
No special handling advice required under normal conditions. Molten polymer: Wear heat-resistant protective equipment.

7.2 Advice on protection against fire and explosion
Keep away from direct sunlight., Keep away from heat.

7.3 Requirements for storage areas and containers
no data available
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Advice on common storage
Do not store with solvents and oxidising agents. Keep in a dry, cool and well-ventilated place.

SECTION 8. Exposure controls/personal protection

8.1 Components with workplace control parameters
Contains no substances with occupational exposure limit values.

Personal protective equipment
Respiratory protection
No personal respiratory protective equipment normally required. In the case of respirable dust and/or fumes, use self-contained breathing apparatus.

Hand protection
No hand protection required under normal conditions. Molten polymer: Wear heat-resistant gloves.

Eye protection
No eye protection is required under normal conditions. Molten polymer: Wear safety glasses with side shields.

Skin and body protection
No special body protection is required under normal conditions. Molten polymer: Wear heat-resistant protective clothing.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties
Form                solid
state of matter     solid
Colour              translucent to white
Odour               none to slightly waxy
Odour Threshold     no data available
Melting point/range 130 - 165 °C
Flash point         > 350 °C; open cup
Evaporation rate    no data available

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Flammability (solid, gas)  no data available
Autoignition temperature  > 390 °C
Vapour density  no data available
Density  0.88 - 0.92 g/cm³
Water solubility  insoluble

SECTION 10. Stability and reactivity

10.1 Reactivity  Strong oxidizing agents
10.2 Chemical stability  Stable under normal conditions., Continuous heating above 160 °C will lead to thermal oxidation.
10.3 Possibility of hazardous reactions  Strong oxidizing agents
10.4 Conditions to avoid  Heat, flames and sparks.
10.5 Materials to avoid  Oxidizing agents
10.6 Hazardous decomposition products  Mainly carbon dioxide and carbon monoxide, possibly traces of formaldehyde, acrolein and other hydrocarbons.

SECTION 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity  no data available
Acute dermal toxicity  no data available

Irritation and corrosion

Skin irritation  no data available
Eye irritation  no data available

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Sensitisation
no data available

Repeated dose toxicity
Repeated dose toxicity
no data available

Carcinogenicity
Carcinogenicity
no data available

Mutagenicity
Mutagenicity
no data available

Toxicity for reproduction
Eye contact
Eye contact
no data available

Skin contact
Skin contact
Molten polymer can cause severe burns in contact with skin and eyes.

Inhalation
Inhalation
no data available

Ingestion
Ingestion
no data available

Further information
no data available

SECTION 12. Ecological information

12.1 Ecotoxicity effects
Toxicity to fish
no data available

12.2 Persistence and degradability
Biodegradability
no data available

Physico-chemical
removability
no data available

12.3 Bioaccumulative potential
Bioaccumulation
no data available

12.4 Mobility in soil
Mobility in soil
no data available

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12.5 Results of PBT and vPvB assessment
Results of PBT and vPvB assessment  no data available

12.6 Other adverse effects
Other adverse effects  no data available

SECTION  13. Disposal considerations

13.1 Product  Disposal can be done with normal domestic waste, Can be recycled, Can be incinerated

SECTION  14. Transport information

14.1 UN Number  not applicable
14.2 UN Proper shipping name  not applicable
14.3 Transport hazard class(es)  not applicable
14.4 Packing group  not applicable
14.5 Environmental hazards  Not classified as dangerous in the meaning of transport regulations.
14.6 Special precautions for users  None additional
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code  Not applicable

SECTION   15. Regulatory information
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15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Concentration limits

Regulatory base REGULATION (EC) No 1272/2008

Additional Information None additional

15.2 Chemical Safety Assessment
The substance is exempted from REACH registration.

SECTION 16. Other information

All reasonable efforts were exercised to compile this SDS in accordance with REACH legislation, Annex II. The MSDS provides information regarding the health, safety and environmental hazards, at the date of issue, to facilitate the safe receipt, use and handling of the product in the workplace. Since Sasol and its subsidiaries cannot anticipate or control all conditions under which the product may be handled, used and received in the workplace, it remains the obligation of each user, receiver or handler to, prior to usage, review this SDS in the context within which the product will be received, handled or used in the workplace. The user, handler or receiver must ensure that the necessary mitigating measures are in place as regards health and safety. This does not substitute the need or requirement for any relevant risk assessments to be conducted. It further remains the responsibility of the receiver, handler or user to communicate such information to all relevant parties that may be involved in the receipt, use or handling of the product.

The MSDS was created by: MOTLATSI
The MSDS was approved by: Morne