



Safety Data Sheet

Polyfuel 7/40D

Version 1.01

Revision Date 05.03.2019

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

Product identifier

Trade name Polyfuel 7/40D

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

Use Industrial use.

Manufacturer or supplier's details

Company Sasol Oil Pty (Ltd)

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Sandton
2090
South Africa

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+86 10 5100 3039 (China)
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+61 (2) 8014 4558 (Australia)

SECTION 2. Hazards identification

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Classification of the substance or mixture

South Africa. GHS Classification and Labelling of Chemicals - SANS 10234

Classification

Flammable liquids	Category 3
Aspiration toxicity	Category 1

Label elements

Pictogram



Signal word

Danger

Hazard statements

H226: Flammable liquid and vapour.

Precautionary statements

Prevention

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P233: Keep container tightly closed.
 P240: Ground and bond container and receiving equipment.
 P241: Use explosion-proof electrical/ ventilating/ lighting equipment.
 P243: Take action to prevent static discharges.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response

P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all

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contaminated clothing. Rinse skin with water or shower.

P370+ P378: In case of fire: Use Dry chemical, CO₂, Water spray or fire-fighting foam to extinguish

P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

P331: Do NOT induce vomiting.

Storage

P403 + P235: Store in a well-ventilated place. Keep cool.

P405: Store locked up.

Disposal

P501: Dispose of contents/container to an approved facility in accordance with local, regional, national and international regulations

Other hazards

No data available

SECTION 3. Composition/information on ingredients

Mixture

alkenes, C10-16 alpha-

Contents: >= 80.00 %W/W

CAS-No. 68855-58-3

Index-No.

EC-No. 272-492-7

Isoundecane

Contents: <= 20.00 %W/W

CAS-No. 34464-43-2

Index-No.

EC-No.

For the full text of the H-Statements mentioned in this Section, see Section 16.

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SECTION 4. First aid measures

Description of necessary first-aid measures

Inhalation	Move to fresh air in case of accidental inhalation of vapours. If breathing is irregular or stopped, administer artificial respiration.
Skin contact	Wash off immediately with plenty of water for at least 15 minutes.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses.
Ingestion	Do not induce vomiting without medical advice. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed

Refer to SECTION 11

SECTION 5. Firefighting measures

Suitable extinguishing media	Water spray Carbon dioxide (CO ₂) Dry chemical.
Special hazards arising from the substance or mixture	Do not allow run-off from fire fighting to enter drains or water courses.

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Special protective equipment for firefighters	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.
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SECTION 6. Accidental release measures

Personal precautions	Keep people away from and upwind of spill/leak. Remove all sources of ignition. Do not breathe vapours or spray mist.
Environmental precautions	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Soak up with inert absorbent material and dispose of as hazardous waste.
Reference to other sections	Refer to section 8 and 13

SECTION 7. Handling and storage

Safe handling advice	Do not breathe vapours or spray mist. Wear personal protective equipment.
Advice on protection against fire and explosion	Keep away from open flames, hot surfaces and sources of ignition. Use explosion-proof equipment.
Requirements for storage areas and containers	Keep containers tightly closed in a cool, well-ventilated place.
Advice on common storage	No data available

SECTION 8. Exposure controls/personal protection

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Components with workplace control parameters

NATIONAL OCCUPATIONAL EXPOSURE LIMITS

Contains no substances with occupational exposure limit values.

Exposure controls

Engineering measures

Provide sufficient air exchange and/or exhaust in work rooms.

Personal protective equipment

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection Gloves suitable for permanent contact:
Material: butyl-rubber
Break through time: 4 h
Material thickness: 0.5 mm

Eye protection Safety glasses with side-shields

Skin and body protection Protective suit Safety shoes

Hygiene measures Wash hands before breaks and immediately after handling the product.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

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Form	Liquid
State of matter	Liquid; at 20 ° C; 1,013 hPa
Colour	Black
Odour	characteristic Petroleum
Odour Threshold	No data available
pH	No data available
Pour point	< -15 ° C
Boiling point/boiling range	200 ° C
Flash point	> 55 ° C; closed cup
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Auto-ignition temperature	180 ° C
Lower explosion limit	1.3 %(V)
Upper explosion limit	6.0 %(V)
Relative vapour density	4.5
Density	0.8 g/cm ³ ; 20 ° C
Water solubility	Insoluble
Viscosity, kinematic	3 mm ² /s; 40 ° C; ASTM D 445

SECTION 10. Stability and reactivity

Reactivity	None known.
Chemical stability	Stable under normal conditions.

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Possibility of hazardous reactions	None known.
Conditions to avoid	Direct sources of heat.
Materials to avoid	Oxidizing agents.
Hazardous decomposition products	Stable under normal conditions.

SECTION 11. Toxicological information

Acute oral toxicity	No data available
Acute inhalation toxicity	No data available
Acute dermal toxicity	No data available
Skin irritation	No data available
Eye irritation	No data available
Sensitisation	No data available
Repeated dose toxicity	No data available
Carcinogenicity	No data available
Mutagenicity	No data available
Further Information	This information is not available.

SECTION 12. Ecological information

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Toxicity to fish	No data available
Toxicity to daphnia and other aquatic invertebrates	No data available
Toxicity to algae	No data available
Toxicity to bacteria	No data available
Toxicity to fish	No data available
Chronic toxicity in aquatic invertebrates	No data available
Biodegradability	No data available
Physico-chemical removability	No data available
Bioaccumulation	No data available

SECTION 13. Disposal considerations

Product Dispose of in accordance with local regulations.

SECTION 14. Transport information

ADR

UN number: 1993

Class: 3

Packaging group: III; F1;

Proper shipping name: FLAMMABLE LIQUID, N.O.S.



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RID

UN number: 1993
Class: 3
Packaging group: III; F1
Proper shipping name: FLAMMABLE LIQUID, N.O.S.

ADNR

UN number: 1993
Class: 3
Packaging group: III; F1
Proper shipping name: FLAMMABLE LIQUID, N.O.S.

IMDG

UN number: 1993
Class: 3
EmS: F-E, S-E
Packaging group: III
Proper shipping name: FLAMMABLE LIQUID, N.O.S.

Marine pollutant Not a Marine Pollutant



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ICAO/IATA

UN number :	1993
Class:	3
Packaging group:	III
Proper shipping name:	FLAMMABLE LIQUID, N.O.S.

SECTION 15. Regulatory information

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

USA TSCA Inventory	All chemical constituents are listed in: USA TSCA Inventory (See chapter 3)
Canadian Domestic Substances List (DSL)	All chemical constituents are listed in: Canadian Domestic Substances List (DSL) (See chapter 3)
Australian Inv. of Chem. Substances (AICS)	All chemical constituents are listed in: Australian Inv. of Chem. Substances (AICS) (See chapter 3)
New Zealand Inventory of Chemicals (NZIoC)	All chemical constituents are listed in: New Zealand Inventory of Chemicals (NZIoC) (See chapter 3)
Jap. Inv. of Exist. & New Chemicals (ENCS)	All chemical constituents are listed in: Jap. Inv. of Exist. & New Chemicals (ENCS) (See chapter 3)
Japan. Industrial Safety & Health Law (ISHL)	All chemical constituents are listed in: Japan. Industrial Safety & Health Law (ISHL) (See chapter 3)
Korea. Existing Chemicals Inventory (KECI)	All chemical constituents are listed in: Korea. Existing



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Chemicals Inventory (KECI) (See chapter 3)

**Philippines Inventory of Chemicals and
Chemical Substances (PICCS)**

Components Not listed
alkenes, C10-16 alpha-
Isoundecane

**China Inv. Existing Chemical Substances
(IECSC)**

Components Not listed
alkenes, C10-16 alpha-
Isoundecane

SECTION 16. Other information

Full text of H-Statements.

This substance contains no components with H-statement.

All reasonable efforts were exercised to compile this SDS in accordance with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS). The SDS only provides information regarding the health, safety and environmental hazards at the date of issue, to facilitate the safe receipt, use and handling of this product in the workplace and does not replace any product information or product specifications. Since Sasol and its subsidiaries cannot anticipate or control all conditions under which this 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 this 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 with respect to 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 this product.

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