



Safety Data Sheet

Fuel Oil 6

Version 1.00

Revision Date 06.02.2023

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

Product identifier

Trade name Fuel Oil 6

Synonyms Fuel Oil

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

Use Fuel Oil

Manufacturer or supplier's details

Company Sasol Oil Pty (Ltd)
Address Sasol Place, 50 Katherine Street
Sandton
2090
South Africa

Telephone +27860335444

E-mail address sasolchem.info.sa@sasol.com

Emergency telephone number South Africa: 0800 11 28 90; International: +27 17 610 4444

SECTION 2. Hazards identification

Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Classification	Flammable liquids	Category 3
	Carcinogenicity	Category 1
	Germ cell mutagenicity	Category 1
	Aspiration hazard	Category 1

Label elements

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Hazard pictograms



Signal word

Danger

Hazard statements

- H226 Flammable liquid and vapour.
- H350 May cause cancer.
- H340 May cause genetic defects.
- H304 May be fatal if swallowed and enters airways.

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.
- P242 Use non-sparking tools.
- P243 Take action to prevent static discharges.
- P280 Wear protective gloves/ eye protection/ face protection.

Response

- P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
- P370 + P378 In case of fire: Use Dry chemical, CO2, Water spray or fire-fighting foam to extinguish
- P318 IF exposed or concerned, get medical advice.
- P301 + P316 IF SWALLOWED: Get emergency medical help immediately.
- 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.

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Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3. Composition/information on ingredients

Hazardous Ingredients

Distillates (petroleum), light catalytic cracked; Cracked gasoil

Contents: 60.00 %W/W

CAS-No. 64741-59-9

Index-No. 649-435-00-3

EC-No. 265-060-4

Hazard statements *H350 H340 H304*

Fuel oil, heavy, high-sulfur; Heavy Fuel oil

Contents: 40.00 %W/W

CAS-No. 92045-14-2

Index-No. 649-042-00-7

EC-No. 295-396-7

Hazard statements *H350*

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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. If symptoms persist, call a physician.
Skin contact	Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician. For thermal burns, cool affected areas as quickly as possible by immersing in water. Consult a physician.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately. If burns occur, treat as thermal burns.
Ingestion	If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting. Prevent vomiting if possible. If a person vomits when lying on his back, place him in the recovery position. 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. Foam. Dry powder. Carbon dioxide.
Special hazards arising from the substance or mixture	Do not allow run-off from fire fighting to enter drains or water courses.
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	Keep in suitable, closed containers for disposal.
Reference to other sections	Refer to section 8 and 13

SECTION 7. Handling and storage

Safe handling advice	Ensure adequate ventilation. Do not breathe vapours or spray mist. Barrier creams may help to protect the exposed areas of skin, they should however not be applied once exposure has occurred. Wear personal protective equipment.
Advice on protection against fire and explosion	Keep away from open flames, hot surfaces and sources of ignition.
Requirements for storage areas and containers	Keep containers tightly closed in a cool, well-ventilated place.
Advice on common storage	Keep away from oxidizing agents, and acidic or alkaline products.

SECTION 8. Exposure controls/personal protection

Components with workplace control parameters

NATIONAL OCCUPATIONAL EXPOSURE LIMITS

Contains no substances with occupational exposure limit values.

Exposure controls

Engineering measures

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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	Impervious gloves
Eye protection	Safety glasses with side-shields.
Skin and body protection	Safety shoes. Lightweight protective clothing
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

Form	Liquid
State of matter	Liquid; at 20 ° C; 1,013 hPa
Colour	Black
Odour	Hydrocarbon-like Sulphurous Petroleum
Odour Threshold	No data available.
pH	No data available.
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	60 ° C
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Auto ignition temperature	No data available.
Lower explosion limit	No data available.
Upper explosion limit	No data available.
Vapour pressure	No data available.
Relative vapour density	No data available.
Density	0.92 g/cm ³ ; 20 ° C
Water solubility	Insoluble
Partition coefficient: n-octanol/water	No data available.

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octanol/water

Viscosity, kinematic

8 mm²/s; 50 ° C

SECTION 10. Stability and reactivity

Reactivity	Stable under normal conditions.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	Strong oxidizing agents.
Conditions to avoid	Heat, flames and sparks.
Materials to avoid	Strong acids and oxidizing agents
Hazardous decomposition products	Stable under normal conditions.

SECTION 11. Toxicological information

Acute oral toxicity	Fuel oil, heavy, high-sulfur; Heavy Fuel oil: LD50 Rat: 5,270 mg/kg; (literature value)
Acute oral toxicity	Distillates (petroleum), light catalytic cracked; Cracked gasoil: LD50 Rat: > 2,000 mg/kg;
Acute inhalation toxicity	Distillates (petroleum), light catalytic cracked; Cracked gasoil: LC50 Rat: 4 h; 4.8 mg/l;
Acute dermal toxicity	Fuel oil, heavy, high-sulfur; Heavy Fuel oil: LD50 Rat: > 2,000 mg/kg; (literature value)
Acute dermal toxicity	Distillates (petroleum), light catalytic cracked; Cracked gasoil: LD50 Rabbit: > 2,000 mg/kg;
Skin irritation	Fuel oil, heavy, high-sulfur; Heavy Fuel oil: slight irritation
Skin irritation	Distillates (petroleum), light catalytic cracked; Cracked gasoil: Rabbit: moderately irritating; 4 h;

SECTION 12. Ecological information

Toxicity to fish	Fuel oil, heavy, high-sulfur; Heavy Fuel oil: Oncorhynchus mykiss; 96 h; LL50; 79 mg/l; (literature value)
Toxicity to fish	Distillates (petroleum), light catalytic cracked; Cracked gasoil: semi-static test; Danio rerio (zebra fish); 96 h; LC50; 7.3 mg/l;

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Toxicity to algae

The data is derived from the evaluations or test results achieved with similar products (conclusion by analogy).

Fuel oil, heavy, high-sulfur; Heavy Fuel oil:

Pseudokirchneriella subcapitata (algae) 72 h; EL50; 0.32 mg/l; (literature value)

SECTION 13. Disposal considerations

Product

Dispose of in accordance with local regulations.

Packaging

Dispose of spent product packaging responsibly and lawfully with due consideration for health, safety and the environment.

SECTION 14. Transport information

DG Pictogram



ADR

UN number: 1993

Class: 3

Packaging group: III; F1;

Proper shipping name: FLAMMABLE LIQUID, N.O.S.
(Distillates (petroleum) light catalytic cracked)

RID

UN number: 1993

Class: 3

Packaging group: III; F1

Proper shipping name: FLAMMABLE LIQUID, N.O.S.
(Distillates (petroleum) light catalytic cracked)

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ADNR

UN number: 1993
 Class: 3
 Packaging group: III; F1
 Proper shipping name: FLAMMABLE LIQUID, N.O.S.
 (Distillates (petroleum) light catalytic cracked)

IMDG

UN number: 1993
 Class: 3
 EmS: F-E, S-E
 Packaging group: III
 Proper shipping name: FLAMMABLE LIQUID, N.O.S.
 (Distillates (petroleum) light catalytic cracked)

ICAO/IATA

UN number : 1993
 Class: 3
 Packaging group: III
 Proper shipping name: FLAMMABLE LIQUID, N.O.S.
 (Fuel oil, heavy, Distillates (petroleum) light catalytic cracked)

SECTION 15. Regulatory information

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

Canada. DSL - Domestic Substances List,
 part of CEPA

Components Not listed
 Fuel oil, heavy, high-sulfur

Australia. AICS - Australian Inventory of
 Chemical Substances

All chemical constituents are listed in: Australia. AICS -
 Australian Inventory of Chemical Substances (See chapter 3)

New Zealand Inventory of Chemical
 Substances

Components Not listed
 Distillates (petroleum), light catalytic cracked
 Fuel oil, heavy, high-sulfur

Japan. ENCS - Existing and New Chemical
 Substances Inventory

Components Not listed
 Distillates (petroleum), light catalytic cracked



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Fuel oil, heavy, high-sulfur

Japan. Industrial Safety and Health Law - Inventory

Components Not listed

Distillates (petroleum), light catalytic cracked

Fuel oil, heavy, high-sulfur

Korea. KECI - Korean Existing Chemicals Inventory

Components Not listed

Fuel oil, heavy, high-sulfur

Philippines. PICCS - Philippines Inventory of Chemicals and Chemical Substances

Components Not listed

Fuel oil, heavy, high-sulfur

China. IECSC - Inventory of Existing Chemical Substances in China

Components Not listed

Fuel oil, heavy, high-sulfur

Taiwan. Chemical Substances Inventory (TCSI)

Components Not listed

Fuel oil, heavy, high-sulfur

USA TSCA Inventory

Components Not listed

Fuel oil, heavy, high-sulfur

SECTION 16. Other information

Full text of H-Statements

H304 May be fatal if swallowed and enters airways.

H340 May cause genetic defects.

H350 May cause cancer.

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



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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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