



# Safety Data Sheet

## Fuel Oil 150

Version 1.01

Revision Date 11.04.2017

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

**Product identifier**

**Trade name** Fuel Oil 150

**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)

**Address** Sasol Place, 50 Katherine Street  
Sandton  
2090  
South Africa

**Telephone** +27103445000

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

**Emergency telephone number** +44 (0)1235 239 670 (Europe, Israel, Africa, Americas)

+44(0)1235 239 671 (Middle East, Arabic African countries)

+65 3158 1074 (Asia Pacific)

+86 10 5100 3039 (China)

+27 (0)17 610 4444 (South Africa)

+61 (2) 8014 4558 (Australia)

### SECTION 2. Hazards identification

# Safety Data Sheet

## Fuel Oil 150

Version 1.01

Revision Date 11.04.2017

### Classification of the substance or mixture

	South Africa. GHS Classification and Labelling of Chemicals - SANS 10234	
<b>Classification</b>	Flammable liquids	Category 3
	Carcinogenicity	Category 1B

### Label elements

#### Pictogram



#### Signal word

Danger

#### Hazard statements

H226: Flammable liquid and vapour.  
H350: May cause cancer.

### Precautionary statements

#### Prevention

P210: Keep away from open flames/hot surfaces. - No smoking.  
P240: Ground/bond container and receiving equipment.  
P241: Use explosion-proof electrical/ ventilating/ lighting/ equipment.  
P242: Use only non-sparking tools.  
P243: Take precautionary measures against static discharge.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.

# Safety Data Sheet

## Fuel Oil 150

Version 1.01

Revision Date 11.04.2017

<b>Response</b>	<p>P303 + P361 + P353: IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.</p> <p>P370 + P378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.</p> <p>P308 + P313: IF exposed or concerned: Get medical advice/ attention.</p>
<b>Storage</b>	<p>P403 + P233 + P235: Store in a well-ventilated place. Keep container tightly closed. Keep cool.</p> <p>P405: Store locked up.</p>
<b>Disposal</b>	<p>P501: Dispose of as hazardous waste in compliance with local and national regulations.</p>
<b>Other hazards</b>	<p>No data available</p>

### SECTION 3. Composition/information on ingredients

#### Mixture

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

**Contents:** 75.00 %W/W

**CAS-No.** 92045-14-2

**Index-No.** 649-042-00-7

**EC-No.** 295-396-7

**Hazard statements** H350

**Distillates (petroleum), light catalytic cracked; Cracked gasoil**

**Contents:** 25.00 %W/W

**CAS-No.** 64741-59-9

**Index-No.** 649-435-00-3

**EC-No.** 265-060-4

## Safety Data Sheet

### Fuel Oil 150

Version 1.01

Revision Date 11.04.2017

#### **Hazard statements** *H350*

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

## SECTION 4. First aid measures

### Description of necessary first-aid measures

<b>Inhalation</b>	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.
<b>Skin contact</b>	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.
<b>Eye contact</b>	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.
<b>Ingestion</b>	If swallowed, seek medical advice immediately and show this SDS. 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

## Safety Data Sheet

### Fuel Oil 150

Version 1.01

Revision Date 11.04.2017

<b>Suitable extinguishing media</b>	Water spray. Foam. Dry powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Special hazards arising from the substance or mixture</b>	Do not allow run-off from fire fighting to enter drains or water courses.
<b>Special protective equipment for firefighters</b>	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

#### SECTION 6. Accidental release measures

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

#### SECTION 7. Handling and storage

<b>Safe handling advice</b>	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.
-----------------------------	---

# Safety Data Sheet

## Fuel Oil 150

Version 1.01

Revision Date 11.04.2017

<b>Advice on protection against fire and explosion</b>	Keep away from open flames, hot surfaces and sources of ignition.
<b>Requirements for storage areas and containers</b>	Keep containers tightly closed in a cool, well-ventilated place.
<b>Advice on common storage</b>	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

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. Use protective skin cream before handling the product.

**Hygiene measures** Wash hands immediately after handling the product.



**SASOL**

## Safety Data Sheet

### Fuel Oil 150

Version 1.01

Revision Date 11.04.2017

## SECTION 9. Physical and chemical properties

### Information on basic physical and chemical properties

<b>Form</b>	Liquid
<b>State of matter</b>	Liquid; at 20 ° C; 1,013 hPa
<b>Colour</b>	Black
<b>Odour</b>	Hydrocarbon-like sulphurous Petroleum
<b>Odour Threshold</b>	No data available
<b>pH</b>	No data available
<b>pourpoint</b>	0 ° C
<b>Boiling point/boiling range</b>	> 450 ° C
<b>Flash point</b>	60 ° C
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Relative vapour density</b>	No data available
<b>Density</b>	0.99 g/cm <sup>3</sup> ; 20 ° C
<b>Water solubility</b>	Insoluble
<b>Viscosity, kinematic</b>	150 mm <sup>2</sup> /s; 50 ° C

## SECTION 10. Stability and reactivity

<b>Reactivity</b>	Stable under normal conditions.
-------------------	---------------------------------

# Safety Data Sheet

## Fuel Oil 150

Version 1.01

Revision Date 11.04.2017

<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions. Strong acids and oxidizing agents
<b>Conditions to avoid</b>	Keep away from open flames/hot surfaces. - No smoking.
<b>Materials to avoid</b>	Strong acids and oxidizing agents
<b>Hazardous decomposition products</b>	Carbon oxides.Hydrocarbons.

### SECTION 11. Toxicological information

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



## Safety Data Sheet

### Fuel Oil 150

Version 1.01

Revision Date 11.04.2017

#### SECTION 12. Ecological information

<b>Toxicity to fish</b>	Fuel oil, heavy, high-sulfur; Heavy Fuel oil: Oncorhynchus mykiss; 96 h; LL50; 79 mg/l; (literature value)
<b>Toxicity to fish</b>	Distillates (petroleum), light catalytic cracked; Cracked gasoil: Semi-static test; Danio rerio (zebra fish); 96 h; LC50; 7.3 mg/l; The data is derived from the evaluations or test results achieved with similar products (conclusion by analogy).
<b>Toxicity to algae</b>	Fuel oil, heavy, high-sulfur; Heavy Fuel oil: Pseudokirchneriella subcapitata (algae)72 h; EL50; 0.32 mg/l; (literature value)

#### SECTION 13. Disposal considerations

<b>Product</b>	Dispose of in accordance with local regulations.
----------------	--

#### SECTION 14. Transport information

<b>ADR</b>	
<b>UN number:</b>	1993
<b>Class:</b>	3
<b>Packaging group:</b>	III; F1;
<b>Proper shipping name:</b>	FLAMMABLE LIQUID, N.O.S. (I)



# Safety Data Sheet

## Fuel Oil 150

Version 1.01

Revision Date 11.04.2017

(Fuel oil, heavy, high sulphur, Distillates (petroleum) light catalytic cracked)

### RID

**UN number:** 1993

**Class:** 3

**Packaging group:** III; F1

**Proper shipping name:** FLAMMABLE LIQUID, N.O.S. (I)

(Fuel oil, heavy, high sulphur, Distillates (petroleum) light catalytic cracked)

### ADNR

**UN number:** 1993

**Class:** 3

**Packaging group:** III; F1

**Proper shipping name:** FLAMMABLE LIQUID, N.O.S. (I)

(Fuel oil, heavy, high sulphur, Distillates (petroleum) light catalytic cracked)

### IMDG



# Safety Data Sheet

## Fuel Oil 150

Version 1.01

Revision Date 11.04.2017

<b>UN number:</b>	1993
<b>Class:</b>	3
<b>EmS:</b>	F-E, S-E
<b>Packaging group:</b>	III
<b>Proper shipping name:</b>	FLAMMABLE LIQUID, N.O.S. (I)  (Fuel oil, heavy, high sulphur, Distillates (petroleum) light catalytic cracked)
<b>Marine pollutant</b>	Not a Marine Pollutant
<b>ICAO/IATA</b>	
<b>UN number :</b>	1993
<b>Class:</b>	3
<b>Packaging group:</b>	III
<b>Proper shipping name:</b>	FLAMMABLE LIQUID, N.O.S.(I)  (Fuel oil, heavy, high sulphur, Distillates (petroleum) light catalytic cracked)

### SECTION 15. Regulatory information

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

Print Date 04.05.2017

100000006330

11/13



# Safety Data Sheet

## Fuel Oil 150

Version 1.01

Revision Date 11.04.2017

<b>Registration, Evaluation and Authorisation of Chemicals (REACH)</b>	All chemical constituents are listed in: Registration, Evaluation and Authorisation of Chemicals (REACH) (See chapter 3)
<b>USA TSCA Inventory</b>	All chemical constituents are listed in: USA TSCA Inventory (See chapter 3)
<b>Canadian Domestic Substances List (DSL)</b>	All chemical constituents are listed in: Canadian Domestic Substances List (DSL) (See chapter 3)
<b>Australian Inv. of Chem. Substances (AICS)</b>	All chemical constituents are listed in: Australian Inv. of Chem. Substances (AICS) (See chapter 3)
<b>New Zealand Inventory of Chemicals (NZIoC)</b>	All chemical constituents are listed in: New Zealand Inventory of Chemicals (NZIoC) (See chapter 3)
<b>Jap. Inv. of Exist. &amp; New Chemicals (ENCS)</b>	All chemical constituents are listed in: Jap. Inv. of Exist. & New Chemicals (ENCS) (See chapter 3)
<b>Japan. Industrial Safety &amp; Health Law (ISHL)</b>	All chemical constituents are listed in: Japan. Industrial Safety & Health Law (ISHL) (See chapter 3)
<b>Korea. Existing Chemicals Inventory (KECI)</b>	All chemical constituents are listed in: Korea. Existing Chemicals Inventory (KECI) (See chapter 3)
<b>Philippines Inventory of Chemicals and Chemical Substances (PICCS)</b>	All chemical constituents are listed in: Philippines Inventory of Chemicals and Chemical Substances (PICCS) (See chapter 3)
<b>China Inv. Existing Chemical Substances (IECSC)</b>	All chemical constituents are listed in: China Inv. Existing Chemical Substances (IECSC) (See chapter 3)

### SECTION 16. Other information

#### Full text of H-Statements

Print Date 04.05.2017

100000006330

12/13



# Safety Data Sheet

## Fuel Oil 150

Version 1.01

Revision Date 11.04.2017

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 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.

Although all reasonable efforts were exercised in the compilation of this SDS, Sasol does not expressly warrant the accuracy of, or assume any liability for incomplete information contained herein or any advice given. When this product is sold, risk passes to the purchaser in accordance with the specific terms and conditions of sale.