



# Safety Data Sheet

## Sasol turbodiesel™ ULS

Version 1.03

Revision Date 10.01.2017

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

**Product identifier**

**Trade name**

Sasol turbodiesel™ ULS

**Synonyms**

Sasol Turbodiesel™ ULS 50ppm

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

**Use**

Fuel component for compression ignition powered automotive applications

**Uses advised against**

No data available

**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.Rosebank@sasol.com

**Emergency telephone number**

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

+44 (0)1235 239 670 (Europe, Israel, Africa, Americas)

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

+86 10 5100 3039 (China)

+65 3158 1074 (Asia Pacific)

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+61 (2) 8014 4558 (Australia)

### SECTION 2. Hazards identification

#### Classification of the substance or mixture

	<b>South Africa. GHS Classification and Labelling of Chemicals - SANS 10234</b>	
<b>Classification</b>	Carcinogen	Category 2

#### Label elements

	<b>South Africa. GHS Classification and Labelling of Chemicals - SANS 10234</b>
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#### Pictogram



<b>Signal word</b>	Warning
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<b>Hazard statements</b>	H351: Suspected of causing cancer.
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#### Precautionary statements

<b>Prevention</b>	P201 + P202: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. P280: Wear protective gloves/ protective clothing/ eye protection/ face
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	protection.
<b>Response</b>	P308 + P313: IF exposed or concerned: Get medical advice/ attention.
<b>Storage</b>	P405: Store locked up.
<b>Disposal</b>	P501: Dispose of as hazardous waste in compliance with local and national regulations.
<b>Other hazards</b>	No data available

### SECTION 3. Composition/information on ingredients

#### Substance

Fuels, diesel Gasoil

Contents: 100.00 %W/W

CAS-No. 68334-30-5

Index-No. 649-224-00-6

EC-No. 269-822-7

**Hazard statements** *H351 H226 H332 H315 H373 H304  
H411*

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

**Inhalation** Move to fresh air in case of accidental inhalation of vapours. If breathing is irregular or stopped, administer artificial



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respiration. If symptoms persist, call a physician.

#### **Skin contact**

Wash off immediately with plenty of water for at least 15 minutes. If symptoms persist, call a physician.

#### **Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Call a physician immediately.

#### **Ingestion**

Do not induce vomiting without medical advice. Call a physician immediately.

#### **Most important symptoms/effects, acute and delayed**

Refer to SECTION 11

## SECTION 5. Firefighting measures

#### **Suitable extinguishing media**

Foam. Water spray. Dry powder.

#### **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**

Wear self-contained breathing apparatus and protective suit.

## SECTION 6. Accidental release measures

#### **Personal precautions**

Keep people away from and upwind of spill/leak. Remove all



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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** Avoid inhalation of vapour or mist. Wear personal protective equipment.

**Advice on protection against fire and explosion** Keep away from heat and sources of ignition.

**Requirements for storage areas and containers** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Advice on common storage** No data available

## SECTION 8. Exposure controls/personal protection

Components with workplace control parameters

NATIONAL OCCUPATIONAL EXPOSURE LIMITS

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Exposure controls

Engineering measures

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

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#### Personal protective equipment

<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment. Respirator with combination filter for vapour/particulate (EN 141)
<b>Hand protection</b>	Impervious gloves
<b>Eye protection</b>	Safety glasses with side-shields
<b>Skin and body protection</b>	Protective suit. Safety shoes.
<b>Hygiene measures</b>	Wash hands immediately after handling the product.

## SECTION 9. Physical and chemical properties

#### Information on basic physical and chemical properties

<b>Form</b>	Liquid
<b>State of matter</b>	Liquid
<b>Colour</b>	purple
<b>Odour</b>	Hydrocarbon-like
<b>Odour Threshold</b>	No data available
<b>Melting point/range</b>	-34 - -18 ° C
<b>Boiling point/boiling range</b>	160 - 380 ° C
<b>Flash point</b>	> 55 ° C; closed cup
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available



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<b>Auto-ignition temperature</b>	225 ° C
<b>Lower explosion limit</b>	1.3 %(V)
<b>Upper explosion limit</b>	6 %(V)
<b>Relative vapour density</b>	No data available
<b>Density</b>	0.80 - 0.85 g/cm <sup>3</sup> ; 20 ° C
<b>Water solubility</b>	Immiscible

#### SECTION 10. Stability and reactivity

<b>Reactivity</b>	Cracking to lighter hydrocarbons.
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	None known.
<b>Conditions to avoid</b>	Heat, flames and sparks.
<b>Materials to avoid</b>	No data available
<b>Hazardous decomposition products</b>	No decomposition if used as directed.

#### SECTION 11. Toxicological information

<b>Acute oral toxicity</b>	Fuels, diesel Gasoil: LD50 : 7,500 mg/kg; (literature value)
<b>Acute inhalation toxicity</b>	Fuels, diesel Gasoil:

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	LC50 Rat: 4 h; < 10 mg/l; (literature value)
<b>Acute dermal toxicity</b>	Fuels, diesel Gasoil: LD50 Rabbit: > 2,000 mg/kg; (literature value)
<b>Skin irritation</b>	No data available
<b>Skin irritation</b>	Fuels, diesel Gasoil: Rabbit: Severe skin irritation;
<b>Eye irritation</b>	No data available
<b>Sensitisation</b>	No data available
<b>Repeated dose toxicity</b>	No data available
<b>Carcinogenicity</b>	Possible carcinogen.

## SECTION 12. Ecological information

<b>Toxicity to fish</b>	Semi-static test; Brachydanio rerio; 96 h; > 100 mg/l; ; OECD Test Guideline 203;
<b>Toxicity to daphnia and other aquatic invertebrates</b>	Daphnia magna (Water flea); 48 h; EC50; > 100 mg/l
<b>Toxicity to algae</b>	Pseudokirchneriella subcapitata (green algae)72 h; EC50; > 1,000 mg/l;
<b>Toxicity to bacteria</b>	Vibrio fisheri; ; 0.5 hEC50; > 1,000 mg/l
<b>Biodegradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Other adverse effects</b>	No data available





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### SECTION 13. Disposal considerations

**Product** Dispose of in accordance with local regulations.

### SECTION 14. Transport information

#### RID

**UN number:** 1202  
**Class:** 3  
**Packaging group:** III; F1  
**Proper shipping name:** DIESEL FUEL

#### ADNR

**UN number:** 1202  
**Class:** 3  
**Packaging group:** III; F1  
**Proper shipping name:** DIESEL FUEL

#### IMDG

**UN number:** 1202  
**Class:** 3  
**EmS:** F-E, S-E



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**Packaging group:** III

**Proper shipping name:** DIESEL FUEL

**ICAO/IATA**

**UN number :** 1202

**Class:** 3

**Packaging group:** III

**Proper shipping name:** DIESEL FUEL

### SECTION 15. Regulatory information

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

<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>Inv. of Exist. Chem. Substances in China</b>	All chemical constituents are listed in: Inv. of Exist. Chem. Substances in China (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)



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<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>	<b>Components Not listed</b> Diesel
<b>Japan. Industrial Safety &amp; Health Law (ISHL)</b>	<b>Components Not listed</b> Diesel
<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

- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H332 Harmful if inhaled.
- H351 Suspected of causing cancer.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H411 Toxic to aquatic life with long lasting effects.

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



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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.