



## Safety Data Sheet

### Sasol turbodiesel™ ULS 10ppm

Version 1.03

Revision Date 09.04.2015

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

<b>Trade name</b>	<b>Sasol turbodiesel™ ULS 10ppm</b>	
<b>Synonyms</b>	<b>Sasol turbodiesel™ ULS 10ppm</b>	
<b>Use</b>	Fuel for compression powered automotive application.	
<b>Company</b>	Sasol Energy 32 Hill Street Randburg 2125 Republic of South Africa	
<b>Information (Product safety)</b>	<b>Telephone:</b> +27(0) 11 889 7600 or 0860 335 444 <b>E-mail address</b> <a href="mailto:sasolchem.info.Rosebank@sasol.com">sasolchem.info.Rosebank@sasol.com</a>	
<b>Emergency telephone number</b>	Europe, Israel, Africa, Americas Middle East, Arabic African countries Asia Pacific China South Africa Australia	+44 (0)1235 239 670 +44 (0)1235 239 671 +65 3158 1074 +86 10 5100 3039 +27 (0)17 610 4444 +61 (2) 8014 4558

#### 2. Hazards identification

##### Identification of the risks

R40 Possible risks of irreversible effects.

##### Particular risks to human beings and the environment

Harmful

#### 3. Composition/information on ingredients

##### Preparation based on:

**Fuels, diesel Gasoil**

**Contents:** 100.00 %W/W

**CAS-No.** 68334-30-5

**Symbol(s)** Xn

**Index-No.** 649-224-00-6

**R-phrases(s)** -R40

**EC-No.** 269-822-7

For the full text of the R-phrases mentioned in this Section, see Section 16.

#### 4. First aid measures

##### Inhalation

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



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	<i>If symptoms persist, call a physician.</i>
<b>Skin contact</b>	<i>Wash off immediately with plenty of water for at least 15 minutes. If symptoms persist, call a physician.</i>
<b>Eye contact</b>	<i>Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Call a physician immediately.</i>
<b>Ingestion</b>	<i>Do not induce vomiting without medical advice. Call a physician immediately.</i>

#### 5. Firefighting measures

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<b>Suitable extinguishing media</b>	<i>Foam, Water spray, Dry powder</i>
<b>Specific hazards during firefighting</b>	<i>Do not allow run-off from fire fighting to enter drains or water courses.</i>
<b>Special protective equipment for firefighters</b>	<i>Wear self-contained breathing apparatus and protective suit.</i>
<b>Further information</b>	<i>In the event of fire, cool tanks with water spray.</i>

#### 6. Accidental release measures

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<b>Personal precautions</b>	<i>Keep people away from and upwind of spill/leak. Remove all sources of ignition. Do not breathe vapours or spray mist.</i>
<b>Environmental precautions</b>	<i>Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.</i>
<b>Methods for cleaning up</b>	<i>Soak up with inert absorbent material and dispose of as hazardous waste.</i>
<b>Additional advice</b>	<i>Never return spills in original containers for re-use.</i>

#### 7. Handling and storage

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##### Handling

<b>Safe handling advice</b>	<i>Avoid inhalation of vapour or mist. Wear personal protective equipment.</i>
<b>Advice on protection against fire and explosion</b>	<i>Keep away from heat and sources of ignition.</i>

##### Storage

<b>Requirements for storage areas and containers</b>	<i>Keep containers tightly closed in a dry, cool and well-ventilated place.</i>
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## 8. Exposure controls/personal protection

### Components with workplace control parameters

#### NATIONAL OCCUPATIONAL EXPOSURE LIMITS

Contains no substances with occupational exposure limit values.

#### EUROPEAN OCCUPATIONAL EXPOSURE LIMITS

Contains no substances with occupational exposure limit values.

### Engineering measures

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

### 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 before breaks and immediately after handling the product.
<b>Protective measures</b>	Wear suitable protective equipment.

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## 9. Physical and chemical properties

<b>Form</b>	Liquid
<b>State of matter</b>	Liquid
<b>Colour</b>	Purple
<b>Odour</b>	Hydrocarbon-like
<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>Auto-ignition temperature</b>	225 °C
<b>Lower explosion limit</b>	1.3 %(V)
<b>Upper explosion limit</b>	6 %(V)



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**Density** 0.82 - 0.86 g/cm<sup>3</sup>; 20 °C

**Water solubility** Immiscible

#### 10. Stability and reactivity

**Materials to avoid** Oxidizing agents, Reducing agents

**Hazardous decomposition products** Carbon oxides

**Thermal decomposition** Cracking to lighter hydrocarbons.

#### 11. Toxicological information

**Acute oral toxicity** Fuels, diesel Gasoil:  
LD50 : 7,500 mg/kg; (literature value)

**Acute inhalation toxicity** Fuels, diesel Gasoil:  
LC50 Rat: < 10 mg/l ; 4 h(literature value)

**Acute dermal toxicity** Fuels, diesel Gasoil:  
LD50 Rabbit: > 2,000 mg/kg (literature value)

**Skin irritation** Fuels, diesel Gasoil:  
Rabbit: Severe skin irritation

#### 12. Ecological information

**Ecotoxicity effects**

**Further information** No data available

#### 13. Disposal considerations

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

**Contaminated packaging** Store containers and offer for recycling of material when in accordance with the local regulations.

#### 14. Transport information

**ADR** UN number: 1202; Class: 3; Packaging group: III; F1; Description of the goods: DIESEL FUEL

**RID** UN number: 1202; Class: 3; Packaging group: III; F1; Description of the goods: DIESEL FUEL

**ADNR** UN number: 1202; Class: 3; Packaging group: III; F1; Description of the goods: DIESEL FUEL

**IMDG** UN number: 1202; Class: 3; EmS: F-E, S-E; Packaging group: III; Description of the goods: DIESEL FUEL

**ICAO/IATA** UN number : 1202; Class: 3; Packaging group: III; Description of the goods: Diesel fuel



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## 15. Regulatory information

### Labelling



<b>Regulatory base</b>	67/548/EEC
<b>Symbol(s)</b>	Xn: Harmful
<b>R-phrases(s)</b>	R40: Possible risks of irreversible effects.
<b>S-phrases(s)</b>	S 2: Keep out of the reach of children. S36/37: Wear suitable protective clothing and gloves.

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## 16. Other information

### Full text of R-phrases referred to under sections 2 and 3

R40 Limited evidence of a carcinogenic effect.

All reasonable efforts were exercised to compile this SDS in accordance with ISO 11014 and ANSIZ400.1. 1993. The SDS 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.

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

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