



## Safety Data Sheet

### Diesel 50

Version 1.03

Revision Date 09.04.2015

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

<b>Trade name</b>	<b>Diesel 50</b>
<b>Synonyms</b>	<b>Diesel 50ppm</b>
<b>Use</b>	Fuel for compression powered automotive application.
<b>Company</b>	Sasol Energy 32 Hill Street Randburg 2125 Republic of South Africa

**Information (Product safety)** Telephone: +27(0) 11 889 7600 or 0860 335 444

**E-mail address** [sasolchem.info.Rosebank@sasol.com](mailto:sasolchem.info.Rosebank@sasol.com)

<b>Emergency telephone number</b>	Europe, Israel, Africa, Americas	+44 (0)1235 239 670
	Middle East, Arabic African countries	+44 (0)1235 239 671
	Asia Pacific	+65 3158 1074
	China	+86 10 5100 3039
	South Africa	+27 (0)17 610 4444
	Australia	+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

Index-No. 649-224-00-6

EC-No. 269-822-7

Symbol(s) Xn

R-phrases) -R40

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

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### 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

**Respiratory protection** In case of insufficient ventilation, wear suitable respiratory equipment. Respirator with combination filter for vapour/particulate (EN 141)

**Hand protection** Impervious gloves

**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.

**Protective measures** Wear suitable protective equipment.

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## 9. Physical and chemical properties

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<b>Form</b>	Liquid
<b>State of matter</b>	Liquid
<b>Colour</b>	Straw
<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)



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<b>Upper explosion limit</b>	6 %(V)
<b>Density</b>	0.82 - 0.86 g/cm <sup>3</sup> ; 20 °C
<b>Water solubility</b>	Immiscible

#### 10. Stability and reactivity

<b>Materials to avoid</b>	Oxidizing agents, Reducing agents
<b>Hazardous decomposition products</b>	Carbon oxides
<b>Thermal decomposition</b>	Cracking to lighter hydrocarbons.

#### 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: LC50 Rat: < 10 mg/l ; 4 h(literature value)
<b>Acute dermal toxicity</b>	Fuels, diesel Gasoil: LD50 Rabbit: > 2,000 mg/kg (literature value)
<b>Skin irritation</b>	Fuels, diesel Gasoil: Rabbit: Severe skin irritation

#### 12. Ecological information

<b>Ecotoxicity effects</b>	
<b>Further information</b>	No data available

#### 13. Disposal considerations

<b>Product</b>	Dispose of in accordance with local regulations.
<b>Contaminated packaging</b>	Store containers and offer for recycling of material when in accordance with the local regulations.

#### 14. Transport information

<b>ADR</b>	UN number: 1202; Class: 3; Packaging group: III; F1; Description of the goods: DIESEL FUEL
<b>RID</b>	UN number: 1202; Class: 3; Packaging group: III; F1; Description of the goods: DIESEL FUEL
<b>ADNR</b>	UN number: 1202; Class: 3; Packaging group: III; F1; Description of the goods: DIESEL FUEL



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**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

## 15. Regulatory information

### Labelling



**Regulatory base**

67/548/EEC

**Symbol(s)**

Xn: Harmful

**R-phrases(s)**

R40: Possible risks of irreversible effects.

**S-phrases(s)**

S 2: Keep out of the reach of children.  
S36/37: Wear suitable protective clothing and gloves.

**Hazardous components  
which must be listed on  
the label**

Fuels, diesel Gasoil

## 16. Other information

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

R40

Limited evidence of a carcinogenic effect.



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*The SDS was created by: F. SHAI*

*The SDS was approved by: X. MADLANGA*