



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

Trade name	Sasol turbodiesel™ ULS 10ppm	
Synonyms	Sasol turbodiesel™ ULS 10ppm	
Use	Fuel for compression powered automotive application.	
Company	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	
Emergency telephone number	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

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

5. Firefighting measures

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

6. Accidental release measures

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

7. Handling and storage

Handling

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

Storage

Requirements for storage areas and containers	<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

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.

9. Physical and chemical properties

Form	Liquid
State of matter	Liquid
Colour	Purple
Odour	Hydrocarbon-like
Melting point/range	-34 - -18 °C
Boiling point/boiling range	160 - 380 °C
Flash point	> 55 °C; closed cup
Auto-ignition temperature	225 °C
Lower explosion limit	1.3 %(V)
Upper explosion limit	6 %(V)



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Density 0.82 - 0.86 g/cm³; 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



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.

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.

The SDS was created by: F. SHAI

The SDS was approved by: X. MADLANGA



Safety Data Sheet

Diesel 50

Version 1.03

Revision Date 09.04.2015

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

Trade name	Diesel 50
Synonyms	Diesel 50ppm
Use	Fuel for compression powered automotive application.
Company	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

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

5. Firefighting measures

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

6. Accidental release measures

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

7. Handling and storage

Handling

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

Storage

Requirements for storage areas and containers	<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

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.

9. Physical and chemical properties

Form	Liquid
State of matter	Liquid
Colour	Straw
Odour	Hydrocarbon-like
Melting point/range	-34 - -18 °C
Boiling point/boiling range	160 - 380 °C
Flash point	> 55 °C; closed cup
Auto-ignition temperature	225 °C
Lower explosion limit	1.3 %(V)



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Upper explosion limit	6 %(V)
Density	0.82 - 0.86 g/cm ³ ; 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



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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-phrase(s)

R40: Possible risks of irreversible effects.

S-phrase(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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