



Safety Data Sheet

Diesel 50

Version 1.00

Revision Date 21.02.2020

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

Product identifier

Trade name Diesel 50

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

Use Fuel for compression powered automotive application.

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.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

Classification of the substance or mixture

Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Classification	Flammable liquids	Category 3
	Carcinogenicity	Category 2

Label elements

Safety Data Sheet

Diesel 50

Version 1.00

Revision Date 21.02.2020

Hazard pictograms :



Signal word :

Warning

Hazard statements :

H226 Flammable liquid and vapour.

H351 Suspected of causing cancer.

Precautionary statements

Prevention

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof electrical/ ventilating/ lighting equipment.

P242 Use non-sparking tools.

P243 Take action to prevent static discharges.

Response

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P370+ P378 In case of fire: Use Dry chemical, CO₂, Water spray or fire-fighting foam to extinguish

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

Storage

P403 + P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.

Disposal

P501 Dispose of contents/ container to an approved waste disposal plant.

Safety Data Sheet

Diesel 50

Version 1.00

Revision Date 21.02.2020

Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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*

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 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

Safety Data Sheet

Diesel 50

Version 1.00

Revision Date 21.02.2020

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 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

Safety Data Sheet

Diesel 50

Version 1.00

Revision Date 21.02.2020

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. 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.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties

Form	Liquid
State of matter	Liquid; at 20 ° C; 1,013 hPa
Colour	straw to yellow
Odour	Hydrocarbon-like
Odour Threshold	No data available
pH	No data available
Melting point/range	-34 - -18 ° C
Boiling point/boiling range	160 - 380 ° C
Flash point	> 55 ° C; closed cup

Safety Data Sheet

Diesel 50

Version 1.00

Revision Date 21.02.2020

Evaporation rate	No data available
Flammability (solid, gas)	No data available
Auto ignition temperature	225 ° C
Lower explosion limit	1.3 %(V)
Upper explosion limit	6 %(V)
Relative vapour density	No data available
Density	0.80 - 0.85 g/cm ³ ; 20 ° C
Water solubility	Immiscible.
Partition coefficient: n-octanol/water	No data available

SECTION 10. Stability and reactivity

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

SECTION 11. Toxicological information

Acute oral toxicity	No data available
Acute inhalation toxicity	LC50 Rat: 4 d; 4.6 mg/l;
Acute inhalation toxicity	LC50 Rat: 4 h; 3.6 - 5.4 mg/l;
Acute dermal toxicity	LD50 Rabbit: 2,000 mg/kg;
Skin irritation	No data available
Eye irritation	No data available
Sensitisation	No data available
Repeated dose toxicity	Dermal Rat; NOAEL Early embryonic development 30 mg/kg
Carcinogenicity	Suspected of causing cancer.

SECTION 12. Ecological information

Safety Data Sheet

Diesel 50

Version 1.00

Revision Date 21.02.2020

Toxicity to fish	4 d; LL50; 21 - 65 mg/l;
Toxicity to fish	72 h; LL50; 21 - 150 mg/l;
Toxicity to fish	48 h; LL50; 28 - 180 mg/l;
Toxicity to fish	24 h; LL50; 100 - 1,000 mg/l;
Toxicity to daphnia and other aquatic invertebrates	48 h; EL50; 68 - 210 mg/l
Toxicity to daphnia and other aquatic invertebrates	24 h; EL50; 180 - 1,000 mg/l
Toxicity to bacteria	Anabaena flos-aquae (cyanobacterium); ; 72 h10 - 78 mg/l

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
 Packaging group: III
 Proper shipping name: DIESEL FUEL

ICAO/IATA

UN number : 1202
 Class: 3

Safety Data Sheet

Diesel 50

Version 1.00

Revision Date 21.02.2020

Packaging group: III
Proper shipping name: DIESEL FUEL

SECTION 15. Regulatory information

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

Canada. DSL - Domestic Substances List, part of CEPA	Components Not listed Diesel
Australia. AICS - Australian Inventory of Chemical Substances	Components Not listed Diesel
New Zealand Inventory of Chemical Substances	Components Not listed Diesel
Japan. ENCS - Existing and New Chemical Substances Inventory	Components Not listed Diesel
Japan. Industrial Safety and Health Law - Inventory	Components Not listed Diesel
Korea. KECI - Korean Existing Chemicals Inventory	Components Not listed Diesel
Philippines. PICCS - Philippines Inventory of Chemicals and Chemical Substances	Components Not listed Diesel
China. IECSC - Inventory of Existing Chemical Substances in China	Components Not listed Diesel
Taiwan. Chemical Substances Inventory (TCSI)	Components Not listed Diesel
USA TSCA Inventory	All chemical constituents are listed in: USA TSCA Inventory (See chapter 3)

SECTION 16. Other information



Safety Data Sheet

Diesel 50

Version 1.00

Revision Date 21.02.2020

Full text of H-Statements

H226 Flammable liquid and vapour.

H351 Suspected of causing 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.

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