

Safety Data Sheet

Sasol Turbodiesel™ ULS 10ppm

Version 1.00

Revision Date 03.03.2022

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

Product identifier

Trade name Sasol Turbodiesel™ ULS 10ppm

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

SECTION 2. Hazards identification

Classification of the substance or mixture

REGULATION (EC) No 1272/2008

| | | |
|-----------------------|-------------------|------------|
| Classification | Carcinogenicity | Category 2 |
| | Flammable liquids | Category 3 |

Label elements

Hazard pictograms



Signal word : Warning

Hazard statements : H351 Suspected of causing cancer.
 H226 Flammable liquid and vapour.

Precautionary statements



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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

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

Storage

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

Disposal

P501 Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

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

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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

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 firefighting 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 | Keep away from heat and sources of ignition. |

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against fire and explosion

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

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 |
| Colour | Purple |
| Odour | Hydrocarbon-like |
| Odour Threshold | No data available. |
| Melting point/range | -34 - -18 °C |
| Boiling point/boiling range | 160 - 380 °C |
| Flash point | > 55 °C; closed cup |
| 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. |

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| | |
|-------------------------|---------------------------------------|
| Density | 0.80 - 0.85 g/cm ³ ; 20 °C |
| Water solubility | Immiscible |

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 | Oxidizing agents. Reducing agents. |
| Hazardous decomposition products | Carbon oxides |

SECTION 11. Toxicological information

| | |
|----------------------------------|-----------------------------------------------------------------------------|
| Acute oral toxicity | LD50 Oral : 7,500 mg/kg; (literature value) |
| Acute oral toxicity | Fuels, diesel Gasoil: LD50 : 7,500 mg/kg; (literature value) |
| Acute inhalation toxicity | LC50 Rat: 4 h; < 10 mg/l; (literature value) |
| Acute inhalation toxicity | Fuels, diesel Gasoil: LC50 Rat: 4 h; vapour; 10 mg/l; (literature value) |
| Acute dermal toxicity | LD50 Dermal Rabbit: > 2,000 mg/kg; (literature value) |
| Acute dermal toxicity | Fuels, diesel Gasoil: LD50 Rabbit: > 2,000 mg/kg; (literature value) |
| Skin irritation | Rabbit: Severe skin irritation |
| Skin irritation | Fuels, diesel Gasoil: Rabbit: Severe skin irritation; |
| Eye irritation | No data available. |
| Sensitisation | No data available. |
| Repeated dose toxicity | No data available. |
| Carcinogenicity | Possible carcinogen. |
| Mutagenicity | No data available. |
| Eye contact | No data available. |
| Skin contact | No data available. |
| Ingestion | No data available. |
| Further Information | No data available. |

SECTION 12. Ecological information

| | |
|------------------------------------------------------------|-------------------------------------------------------------------------|
| Toxicity to fish | Brachydanio rerio; 96 h; LC50; > 100 mg/l; ; OECD Test Guideline 203; |
| Toxicity to daphnia and other aquatic invertebrates | Daphnia magna (Water flea); 48 h; EC50; > 100 mg/l |
| Toxicity to algae | Pseudokirchneriella subcapitata (green algae) 72 h; EC50; > 1,000 mg/l; |
| Toxicity to bacteria | Vibrio fischeri; ; 0.5 hEC50; > 1,000 mg/l |
| Biodegradability | No data available. |
| Bioaccumulation | No data available. |
| Other adverse effects | No data available. |

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SECTION 13. Disposal considerations

| | |
|------------------|----------------------------------------------------------------------------------------------------------------------------|
| Product | Dispose of in accordance with local regulations. |
| Packaging | Dispose of spent product packaging responsibly and lawfully with due consideration for health, safety and the environment. |

SECTION 14. Transport information

| | |
|------------------------------|-------------|
| ADR | |
| UN number: | 1202 |
| Class: | 3 |
| Packaging group: | III; F1; |
| Proper shipping name: | DIESEL FUEL |
| 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 |
| 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 | Components Not listed |

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Substances Inventory

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

Full text of H-Statements

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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