



Safety Data Sheet

Sasol Turbo™ ULP 93

Version 1.00

Revision Date 07.02.2022

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

Product identifier

Trade name Sasol Turbo™ ULP 93

Synonyms Unleaded Petrol 93

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

Use Fuel for spark ignition 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 1
	Germ cell mutagenicity	Category 1
	Aspiration hazard	Category 1
	Flammable liquids	Category 2

Label elements

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Hazard pictograms :



Signal word :

Danger

Hazard statements :

- H350 May cause cancer.
- H340 May cause genetic defects.
- H304 May be fatal if swallowed and enters airways.
- H225 Highly flammable liquid and vapour.

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

- P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
- P331 Do NOT induce vomiting.
- 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.



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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

Gasoline, natural; Low boiling point naphtha

Contents: ≥ 90.00 - ≤ 100.00 %W/W

CAS-No. 8006-61-9

Index-No. 649-261-00-8

EC-No. 232-349-1

Hazard statements *H304 H340 H350 H225*

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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 skin irritation persists, call a physician.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. If eye irritation persists, consult a specialist.
Ingestion	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Call a physician immediately.

Most important symptoms/effects, acute and delayed

Refer to SECTION 11

SECTION 5. Firefighting measures

Suitable extinguishing media	Water spray, Foam, CO2, Dry powder.
Unsuitable extinguishing media	Water spray jet
Special hazards arising from the substance or mixture	Flash back possible over considerable distance. Do not allow run-off from fire fighting to enter drains or water courses.
Special protective equipment for firefighters	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

SECTION 6. Accidental release measures

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Personal precautions	Keep people away from and upwind of spill/leak. Remove all sources of ignition. Use non-sparking tools. 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	Wear personal protective equipment. Provide sufficient air exchange and/or exhaust in work rooms. Take precautionary measures against static discharges. Ensure all equipment is electrically grounded before beginning transfer operations. Do not breathe vapours or spray mist.
Advice on protection against fire and explosion	Keep away from open flames, hot surfaces and sources of ignition. Use explosion-proof equipment.
Requirements for storage areas and containers	Keep containers tightly closed in a cool, 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



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

Personal protective equipment

Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Hand protection	Impervious gloves
Eye protection	Safety glasses with side-shields.
Skin and body protection	Safety shoes or rubber boots. Protective suit.
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	Yellow
Odour	Hydrocarbon-like
Odour Threshold	No data available.
pH	No data available.
Melting point/range	-90.5 ° C
Boiling point/boiling range	38.05 - 215 ° C
Flash point	-20 ° C; closed cup
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Auto-ignition temperature	250 ° C
Lower explosion limit	1.3 %(V)
Upper explosion limit	7.1 %(V)
Vapour pressure	No data available.
Relative vapour density	3
Density	0.710 - 0.785 g/cm ³ ; 20 ° C
Water solubility	Immiscible
Partition coefficient: n-octanol/water	No data available.

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Viscosity, kinematic No data available.

SECTION 10. Stability and reactivity

Reactivity	Stable under recommended storage conditions.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Heating can release hazardous gases.
Conditions to avoid	Heat, flames and sparks. Extremes of temperature and direct sunlight.
Materials to avoid	Oxidizing agents. Acids and bases
Hazardous decomposition products	Carbon oxides

SECTION 11. Toxicological information

Acute oral toxicity	Gasoline, natural; Low boiling point naphtha: LD50 Rat: 14,063 mg/kg; (literature value)
Eye irritation	Gasoline, natural; Low boiling point naphtha: human: Mild eye irritation (literature value)
Carcinogenicity	Possible carcinogen.
Further Information	No data available.

SECTION 12. Ecological information

Toxicity to fish	Gasoline, natural; Low boiling point naphtha: static test; Oncorhynchus mykiss; 96 h; LC50; 11 mg/l; (literature value)
Toxicity to daphnia and other aquatic invertebrates	Gasoline, natural; Low boiling point naphtha: static test; Daphnia magna; 48 h; EC50; 12 mg/l(literature value)
Toxicity to fish	No data available.
Chronic toxicity in aquatic invertebrates	No data available.
Bioaccumulative potential	No data available.

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Biochemical Oxygen Demand (BOD) No data available.

Chemical Oxygen Demand (COD) No data available.

SECTION 13. Disposal considerations

Product Dispose of contents/ container to an approved facility in accordance with local, regional, national and international 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: 1203
Class: 3
Packaging group: II; F1;
Proper shipping name: GASOLINE

RID

UN number: 1203
Class: 3
Packaging group: II; F1
Proper shipping name: GASOLINE

ADNR

UN number: 1203
Class: 3
Packaging group: II; F1
Proper shipping name: GASOLINE

IMDG

UN number: 1203
Class: 3
EmS: F-E, S-E



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Packaging group:	II
Proper shipping name:	GASOLINE
Marine pollutant	Marine pollutant
ICAO/IATA	
UN number :	1203
Class:	3
Packaging group:	II
Proper shipping name:	GASOLINE

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 Gasoline
Australia. AICS - Australian Inventory of Chemical Substances	Components Not listed Gasoline
New Zealand Inventory of Chemical Substances	Components Not listed Gasoline
Japan. ENCS - Existing and New Chemical Substances Inventory	Components Not listed Gasoline
Japan. Industrial Safety and Health Law - Inventory	Components Not listed Gasoline
Korea. KECI - Korean Existing Chemicals Inventory	Components Not listed Gasoline
Philippines. PICCS - Philippines Inventory of Chemicals and Chemical Substances	Components Not listed Gasoline
China. IECSC - Inventory of Existing Chemical Substances in China	Components Not listed Gasoline
Taiwan. Chemical Substances Inventory (TCSI)	Components Not listed Gasoline



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USA TSCA Inventory

All chemical constituents are listed in: USA TSCA Inventory
(See chapter 3)

SECTION 16. Other information

Full text of H-Statements

- H225 Highly flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H340 May cause genetic defects.
- H350 May cause 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.

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