



Safety Data Sheet

98 Unleaded Racing Fuel

Version 1.01

Revision Date 20.02.2023

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

Product identifier

Trade name 98 Unleaded Racing Fuel

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)

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2090
South Africa

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+61 (2) 8014 4558 (Australia)

SECTION 2. Hazards identification

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Classification of the substance or mixture

South Africa. GHS Classification and Labelling of Chemicals - SANS 10234

Classification

Flammable liquids	Category 2
Aspiration hazard	Category 1
Germ cell mutagenicity	Category 1
Carcinogen	Category 1

Label elements

Pictogram



Signal word

Danger

Hazard 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.

Precautionary statements

Prevention

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.

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	P243: Take action to prevent static discharges. P280: Wear protective gloves/protective clothing/eye protection/face protection.
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 P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. P331: Do not induce vomiting. 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 facility in accordance with local, regional, national and international regulations.
Other hazards	No data available

SECTION 3. Composition/information on ingredients

Substance

Gasoline, natural; Low boiling point naphtha

Contents: 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 H224 H315 H336

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H361 H411

For the full text of the H-Statements mentioned in this Section, see Section 16.

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. Dry powder. Foam.
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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

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	Do not breathe vapours or spray mist. Wear personal protective equipment.
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	Keep containers tightly closed in a cool, well-ventilated place.

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areas and containers

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.
Hand protection	Impervious gloves
Eye protection	Safety glasses with side-shields
Skin and body protection	Safety shoes. Protective suit
Hygiene measures	Wash hands before breaks and immediately after handling the product.

SECTION 9. Physical and chemical properties

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Information on basic physical and chemical properties

Form	Liquid
State of matter	Liquid; at 20 ° C; 1,013 hPa
Colour	pink
Odour	Hydrocarbon-like
Odour Threshold	No data available
pH	No data available
Melting point/range	-90 ° C
Boiling point/boiling range	38 ° C
Flash point	-45 ° C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Auto-ignition temperature	250 ° C
Lower explosion limit	1.3 %(V); Lower flammability limit
Upper explosion limit	7.1 %(V); Upper flammability limit
Vapour pressure	No data available
Relative vapour density	No data available
Density	0.705 - 0.785 g/cm ³ ; 20 ° C
Water solubility	Insoluble
Partition coefficient: n-octanol/water	No data available
Viscosity, kinematic	No data available

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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)

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)
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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)

SECTION 13. Disposal considerations

Product

Disposal should be in accordance with local, regional and national legislations.

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

IMDG



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UN number: 1203

Class: 3

EmS: F-E, S-E

Packaging group: II

Proper shipping name: GASOLINE

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

Canadian Domestic Substances List (DSL)	All chemical constituents are listed in: Canadian Domestic Substances List (DSL) (See chapter 3)
Australian Inv. of Chem. Substances (AICS)	All chemical constituents are listed in: Australian Inv. of Chem. Substances (AICS) (See chapter 3)
New Zealand Inventory of Chemicals (NZIoC)	All chemical constituents are listed in: New Zealand Inventory of Chemicals (NZIoC) (See chapter 3)

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Jap. Inv. of Exist. & New Chemicals (ENCS)	Components Not listed Gasoline
Japan. Industrial Safety & Health Law (ISHL)	Components Not listed Gasoline
Korea. Existing Chemicals Inventory (KECI)	All chemical constituents are listed in: Korea. Existing Chemicals Inventory (KECI) (See chapter 3)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	All chemical constituents are listed in: Philippines Inventory of Chemicals and Chemical Substances (PICCS) (See chapter 3)
China Inv. Existing Chemical Substances (IECSC)	All chemical constituents are listed in: China Inv. Existing Chemical Substances (IECSC) (See chapter 3)
Taiwan. Chemical Substances Inventory (TCSI)	All chemical constituents are listed in: Taiwan. Chemical Substances Inventory (TCSI) (See chapter 3)
USA TSCA Inventory	All chemical constituents are listed in: USA TSCA Inventory (See chapter 3)

SECTION 16. Other information

Full text of H-Statements

H224	Extremely flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
H361	Suspected of damaging fertility or the unborn child.



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H411 Toxic to aquatic life with long lasting effects.

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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