



## Safety Data Sheet

### Unleaded Petrol 95

Version 1.02

Revision Date 08.05.2013

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

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<b>Trade name</b>	<b>Unleaded Petrol 95</b>
<b>Synonyms</b>	<b>Unleaded Petrol 95</b>
<b>Use</b>	Fuel for spark ignition powered automotive application.
<b>Company</b>	Sasol Oil 32 Hill Street Randburg, 2125 Republic of South Africa
<b>Information (Product safety)</b>	<b>Telephone:</b> +27 11 889 7600 <b>Fax:</b> : +27 11 889 7979 <b>E-mail address</b> <a href="mailto:msds.info@sasol.com">msds.info@sasol.com</a>
<b>Emergency telephone number</b>	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 9032 0460

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#### 2. Hazards identification

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Identification of the risks

R45	May cause cancer.
R65	Harmful: may cause lung damage if swallowed.
R11	Highly flammable.

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#### 3. Composition/information on ingredients

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**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

**Symbol(s)** T, F

**R-phrase(s)** -R45 -R46 -R65 -R11

For the full text of the R-phrases mentioned in this Section, see Section 16.

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#### 4. First aid measures

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<b>Inhalation</b>	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.
<b>Skin contact</b>	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
<b>Eye contact</b>	Rinse immediately with plenty of running water, also under the eyelids, for at least 15 minutes. Remove contact lenses. If eye irritation persists, consult a specialist.
<b>Ingestion</b>	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person or otherwise unable to swallow. Call a physician immediately.

#### 5. Firefighting measures

<b>Suitable extinguishing media</b>	Water spray, Dry powder, Alcohol-resistant foam
<b>Specific hazards during firefighting</b>	Flash back possible over considerable distance. Do not allow run-off from fire fighting to enter drains or water courses.
<b>Special protective equipment for firefighters</b>	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.
<b>Further information</b>	Cool containers / tanks with water spray.

#### 6. Accidental release measures

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

#### 7. Handling and storage

##### Handling

<b>Safe handling advice</b>	Do not breathe vapours or spray mist. Wear personal protective equipment.
<b>Advice on protection against fire and explosion</b>	Keep away from open flames, hot surfaces and sources of ignition. Use explosion-proof equipment.

##### Storage



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**Requirements for storage areas and containers** Keep containers tightly closed in a cool, well-ventilated place.

#### 8. Exposure controls/personal protection

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**Components with workplace control parameters**

**NATIONAL OCCUPATIONAL EXPOSURE LIMITS**

**EUROPEAN OCCUPATIONAL EXPOSURE LIMITS**

**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.

**Protective measures** Wear suitable protective equipment.

#### 9. Physical and chemical properties

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<b>State of matter</b>	Liquid
<b>Colour</b>	green
<b>Odour</b>	Hydrocarbon-like
<b>Melting point/range</b>	-90.5 °C
<b>Boiling point/boiling range</b>	38.05 - 200.05 °C
<b>Flash point</b>	-20 °C; Closed cup
<b>Auto-ignition temperature</b>	250 °C
<b>Lower explosion limit</b>	1.3 %(V)
<b>Upper explosion limit</b>	7.1 %(V)
<b>Density</b>	0.710 - 0.785 g/cm <sup>3</sup> ; 20 °C



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**Water solubility** Immiscible  
**Relative vapor density** 3

#### 10. Stability and reactivity

**Materials to avoid** Oxidizing agents, Acids and bases  
**Hazardous decomposition products** Carbon oxides

#### 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)

#### 12. Ecological information

##### Ecotoxicity effects

**Toxicity to fish** Gasoline, natural; Low boiling point naphtha:  
LC50 *Oncorhynchus mykiss*: 11 mg/l; 96 h; (literature value)  
**Toxicity to daphnia and other aquatic invertebrates** Gasoline, natural; Low boiling point naphtha:  
EC50 *Daphnia magna*: 12 mg/l; 48 h; (literature value)

#### 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: 1203; Class: 3; Packaging group: II; F1; Description  
of the goods: GASOLINE  
**RID** UN number: 1203; Class: 3; Packaging group: II; F1; Description  
of the goods: GASOLINE  
**IMDG** UN number: 1203; Class: 3; EmS: F-E, S-E; Packaging group: II;  
Description of the goods: GASOLINE  
**ICAO/IATA** UN number : 1203; Class: 3; Packaging group: II; Description of  
the goods: Gasoline

#### 15. Regulatory information



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#### Labelling



<b>Regulatory base</b>	67/548/EEC
<b>Symbol(s)</b>	F: Highly flammable T: Toxic
<b>R-phrase(s)</b>	R45: May cause cancer. R65: Harmful: may cause lung damage if swallowed. R11: Highly flammable.
<b>S-phrase(s)</b>	S53: Avoid exposure - obtain special instructions before use. S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
<b>Hazardous components which must be listed on the label</b>	Gasoline, natural; Low boiling point naphtha

#### 16. Other information

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##### Full text of R-phrases referred to under sections 2 and 3

R11	Highly flammable.
R45	May cause cancer.
R46	May cause heritable genetic damage.
R65	Harmful: may cause lung damage if swallowed.



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*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.*

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*The MSDS was created by: B. SHAMASE*

*The MSDS was approved by: Shabalala, Sibongiseni (SC)*