



Safety Data Sheet

Engine Oil 2-Stroke

Version 1.02

Revision Date 26.07.2010

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

Trade name	Engine Oil 2-Stroke	
Synonyms	Engine Oil 2-Stroke, Engine Oil	
Company	Sasol Oil 32 Hill Street Randburg, 2125 Republic of South Africa	
Information (Product safety)	Telephone: +27 11 889 7600 / 0860 72765 Fax: +27 11 889 7979 E-mail address msds.info@sasol.com	
Emergency telephone	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

2. Hazards identification

Identification of the risks

R45	May cause cancer.
R43	May cause sensitization by skin contact.

3. Composition/information on ingredients

Preparation on the base:

Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil

Contents: 88.74 %W/W

CAS-No. 64742-65-0

Symbol(s) T

Index-No. 649-474-00-6

R-phrased(s) -R45

EC-No. 265-169-7

Kerosine(illuminating kerosine)

Contents: 7.95 %W/W

CAS-No.

Index-No.

EC-No.



Safety Data Sheet

Engine Oil 2-Stroke

Version 1.02

Revision Date 26.07.2010

Symbol(s) **R-phrase(s) -R43**

Long Chain Alkylphenol Calcium Salt

Contents: 0.30 %W/W

CAS-No.	Index-No.	EC-No.
Symbol(s) Xi	R-phrase(s) -R43	

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

4. 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 soap and plenty of water. If skin irritation persists, call a physician. For thermal burns, cool affected areas as quickly as possible by immersing in water. Consult a physician.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately. If burns occur, treat as thermal burns.
Ingestion	If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting. Prevent vomiting if possible. If a person vomits when lying on his back, place him in the recovery position. Never give anything by mouth to an unconscious person.

5. Fire-fighting measures

Suitable extinguishing media	Water spray, Foam, Dry powder, Carbon dioxide (CO ₂)
Specific hazards during fire fighting	Do not allow run-off from fire fighting to enter drains or water courses.
Special protective equipment for fire-fighters	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.
Further information	Cool containers / tanks with water spray. In the event of fire and/or explosion do not breathe fumes. Exposure to decomposition products may be a hazard to health.

6. Accidental release measures

Personal precautions	Keep people away from and upwind of spill/leak. Remove all
-----------------------------	--



Safety Data Sheet

Engine Oil 2-Stroke

Version 1.02

Revision Date 26.07.2010

Environmental precautions	sources of ignition. Do not breathe vapours or spray mist. 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.
Additional advice	Never return spills in original containers for re-use.

7. Handling and storage

Handling

Safe handling advice Ensure adequate ventilation. Do not breathe vapours or spray mist. Barrier creams may help to protect the exposed areas of skin, they should however not be applied once exposure has occurred. Wear personal protective equipment.

Advice on protection against fire and explosion Keep away from open flames, hot surfaces and sources of ignition.

Storage

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

8. Exposure controls/personal protection

Components with workplace control parameters

NATIONAL OCCUPATIONAL EXPOSURE LIMITS

Contains no substances with occupational exposure limit values.

EUROPEAN OCCUPATIONAL EXPOSURE LIMITS

Contains no substances with occupational exposure limit values.

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 Gloves suitable for permanent contact:
Material: butyl-rubber
Break through time: 4 h
Material thickness: 0.5 mm
unsuitable gloves



Safety Data Sheet

Engine Oil 2-Stroke

Version 1.02

Revision Date 26.07.2010

	Material: Polyvinylchloride, leather, nitrile rubber/nitrile latex, natural rubber/natural latex
Eye protection	Safety glasses with side-shields
Skin and body protection	Safety shoes, Lightweight protective clothing, Use protective skin cream before handling the product.
Hygiene measures	Wash hands before breaks and immediately after handling the product.
Protective measures	Wear suitable protective equipment.

9. Physical and chemical properties

Form	liquid
state of matter	liquid; at 20 °C; 1,013 hPa
Colour	light brown
pourpoint	-12 °C
Flash point	105 °C
Autoignition temperature	> 320 °C
Density	0.88 g/cm ³ ; 20 °C
Water solubility	emulsifiable
Viscosity, kinematic	68 mm ² /s; 40 °C

10. Stability and reactivity

Materials to avoid	Oxidizing agents
Hazardous decomposition products	Carbon oxides Hydrocarbons

11. Toxicological information

Further information	No data available
----------------------------	-------------------

12. Ecological information

Ecotoxicity effects	
Further information	No data available

13. Disposal considerations



Safety Data Sheet

Engine Oil 2-Stroke

Version 1.02

Revision Date 26.07.2010

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

Further information	Not classified as dangerous in the meaning of transport regulations.
----------------------------	--

15. Regulatory information

Labelling



Regulatory base	1999/45/EC
Symbol(s)	T: Toxic
R-phrases(s)	R45: May cause cancer. R43: May cause sensitization by skin contact.
S-phrases(s)	S53: Avoid exposure - obtain special instructions before use. S35: This material and its container must be disposed of in a safe way. S36/37: Wear suitable protective clothing and gloves.
Special labelling of certain mixtures	Restricted to professional users.
Hazardous components which must be listed on the label	Distillates (petroleum), solvent-dewaxed heavy paraffinic; Baseoil Kerosine(illuminating kerosine)



Safety Data Sheet

Engine Oil 2-Stroke

Version 1.02

Revision Date 26.07.2010

16. Other information

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

R43	May cause sensitization by skin contact.
R45	May cause cancer.

All reasonable efforts were exercised to compile this SDS in accordance with ISO 11014 and ANSI Z400.1. 1993. The MSDS 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.

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

The MSDS was created by: B.SHAMASE

The MSDS was approved by: Samson Mkwanazi