



# Safety Data Sheet

## Engine Oil 2-Stroke Outboard

Version 1.01

Revision Date 30.08.2023

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

**Product identifier**

**Trade name** Engine Oil 2-Stroke Outboard

**Synonyms** Engine Oil

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

**Use** Lubricant or lubricant additive

**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** +44 (0)1235 239 670 (Europe, Israel, Africa, Americas)  
+44(0)1235 239 671 (Middle East, Arabic African countries)  
+65 3158 1074 (Asia Pacific)  
+86 10 5100 3039 (China)  
+27 (0)17 610 4444 (South Africa)  
+61 (2) 8014 4558 (Australia)

# Safety Data Sheet

## Engine Oil 2-Stroke Outboard

Version 1.01

Revision Date 30.08.2023

### SECTION 2. Hazards identification

#### Classification of the substance or mixture

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

##### Classification

Skin sensitisation	Category 1
Skin corrosion/irritation	Category 2

#### Label elements

##### Pictogram



##### Signal word

Warning

##### Hazard statements

H317: May cause an allergic skin reaction.  
H315: Causes skin irritation.

#### Precautionary statements

##### Prevention

P261: Avoid breathing mist or vapours.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P280: Wear protective gloves.  
P264: Wash hands thoroughly after handling.

##### Response

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

# Safety Data Sheet

## Engine Oil 2-Stroke Outboard

Version 1.01

Revision Date 30.08.2023

P333 + P313: If skin irritation or rash occurs: Get medical advice/  
attention.

P362 + P364: Take off contaminated clothing and wash it before reuse.

**Storage** No special storage conditions required.

**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

#### Mixture

**Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified**

**Contents:** <= 64.49 %W/W

**CAS-No.** 64742-54-7

**Index-No.** 649-467-00-8

**EC-No.** 265-157-1

**Hazard statements** H304

**Fatty acids, C18-unsatd., dimers, polymers with azelaic acid, ethylenediamine and  
piperazine**

**Contents:** <= 8.72 %W/W

**CAS-No.** 68139-70-8

**Index-No.**

**EC-No.**

#### Mineral Oil

**Contents:** <= 0.95 %W/W



# Safety Data Sheet

## Engine Oil 2-Stroke Outboard

Version 1.01

Revision Date 30.08.2023

**Hazard statements** *H304 H226 H315 H411 H336 H304*

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

<b>Inhalation</b>	Move to fresh air in case of accidental inhalation of vapours. If breathing is irregular or stopped, administer artificial respiration. If breathing is difficult, give oxygen. Get medical attention/advice if you feel unwell.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. Wash contaminated clothing before reuse. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek immediate medical attention/advice.
<b>Ingestion</b>	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Seek immediate medical attention/advice.

#### Most important symptoms/effects, acute and delayed

Refer to SECTION 11

### SECTION 5. Firefighting measures

# Safety Data Sheet

## Engine Oil 2-Stroke Outboard

Version 1.01

Revision Date 30.08.2023

<b>Suitable extinguishing media</b>	Water spray, Foam, CO <sub>2</sub> , Dry powder.
<b>Special hazards arising from the substance or mixture</b>	Under conditions of continuous exposure to heat, may burn. Under extreme conditions (e.g. confinement) could lead to detonation. Nitrogen oxides (NO <sub>x</sub> ) and carbon oxides are produced during combustion.
<b>Special protective equipment for firefighters</b>	Wear self-contained breathing apparatus and protective suit.

### SECTION 6. Accidental release measures

<b>Personal precautions</b>	Use personal protective equipment. Handle in accordance with good industrial hygiene and safety practice.
<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so. Try to prevent the material from entering drains or water courses.
<b>Methods for cleaning up</b>	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Disposal and clean up may only be done by authorised personnel.
<b>Reference to other sections</b>	Refer to section 8 and 13

### SECTION 7. Handling and storage

<b>Safe handling advice</b>	Wear personal protective equipment. Do not breathe vapours or spray mist. Avoid contact with skin and eyes. Ensure
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# Safety Data Sheet

## Engine Oil 2-Stroke Outboard

Version 1.01

Revision Date 30.08.2023

adequate ventilation. Keep away from flames and sparks.

**Advice on protection against fire and explosion** No data available

**Requirements for storage areas and containers** Keep away from heat. Do not store near combustible materials.

**Advice on common storage** No data available

### SECTION 8. Exposure controls/personal protection

Components with workplace control parameters

#### NATIONAL OCCUPATIONAL EXPOSURE LIMITS

Exposure controls

#### Engineering measures

Ensure adequate ventilation, especially in confined areas.

#### 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

**Eye protection** Safety goggles

**Skin and body protection** lightweight protective clothing

# Safety Data Sheet

## Engine Oil 2-Stroke Outboard

Version 1.01

Revision Date 30.08.2023

### 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

<b>Form</b>	Liquid
<b>State of matter</b>	Liquid; at 20 ° C; 1,013 hPa
<b>Colour</b>	green
<b>Odour</b>	mild
<b>Odour Threshold</b>	No data available
<b>pH</b>	No data available
<b>Pour point</b>	-30 ° C; ASTM D97
<b>Flash point</b>	110 ° C; ASTM D 93; Cleveland open cup;
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Auto-ignition temperature</b>	> 200 ° C
<b>Lower explosion limit</b>	No data available
<b>Upper explosion limit</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Relative vapour density</b>	No data available
<b>Density</b>	0.88 g/cm <sup>3</sup> ; ASTM D4052

# Safety Data Sheet

## Engine Oil 2-Stroke Outboard

Version 1.01

Revision Date 30.08.2023

<b>Water solubility</b>	emulsifiable
<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Viscosity, kinematic</b>	42 mm <sup>2</sup> /s; ASTM D 445

### SECTION 10. Stability and reactivity

<b>Reactivity</b>	Stable under normal conditions.
<b>Chemical stability</b>	No data available
<b>Possibility of hazardous reactions</b>	Strong acids and oxidizing agents
<b>Conditions to avoid</b>	No data available
<b>Materials to avoid</b>	Combustible material
<b>Hazardous decomposition products</b>	Stable under normal conditions.

### SECTION 11. Toxicological information

<b>Acute oral toxicity</b>	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: LD50 Rat: 5,000 mg/kg;
<b>Acute inhalation toxicity</b>	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified:

# Safety Data Sheet

## Engine Oil 2-Stroke Outboard

Version 1.01

Revision Date 30.08.2023

	LC50 Rat: 4 h; 2.18 - 5.53 mg/l;
<b>Acute dermal toxicity</b>	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: LD50 Rabbit: 2,000 - 5,000 mg/kg;
<b>Repeated dose toxicity</b>	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: Oral Rat; Lowest observed adverse effect level 125 mg/kg
<b>Repeated dose toxicity</b>	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: Dermal Rat; NOAEL Early embryonic development 30 - 2,000 mg/kg
<b>Repeated dose toxicity</b>	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: Dermal Mouse; NOAEL Early embryonic development 150 mg/kg Lowest observed adverse effect level 100 mg/kg
<b>Repeated dose toxicity</b>	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: Dermal Rabbit; NOAEL Early embryonic development 1,000 mg/kg
<b>Carcinogenicity</b>	Mineral oils are severely solvent refined or hydrotreated.

### SECTION 12. Ecological information

<b>Toxicity to fish</b>	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: 4 d; LL50; 100 mg/l;
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# Safety Data Sheet

## Engine Oil 2-Stroke Outboard

Version 1.01

Revision Date 30.08.2023

<b>Toxicity to daphnia and other aquatic invertebrates</b>	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: No data available
<b>Toxicity to algae</b>	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: No data available
<b>Toxicity to bacteria</b>	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: No data available

### SECTION 13. Disposal considerations

<b>Product</b>	Dispose of in accordance with local regulations.
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### SECTION 14. Transport information

<b>Further Information</b>	Not classified as dangerous in the meaning of transport regulations.
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### 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**

Highly refined mineral oils and additives  
Mineral Oil  
Fatty acids

**Australia. AICS - Australian Inventory of**

**Components Not listed**

Print Date 30.08.2023

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11/14



# Safety Data Sheet

## Engine Oil 2-Stroke Outboard

Version 1.01

Revision Date 30.08.2023

### Chemical Substances

Highly refined mineral oils and additives  
Mineral Oil  
Fatty acids

### New Zealand Inventory of Chemical Substances

**Components Not listed**  
Highly refined mineral oils and additives  
Mineral Oil  
Fatty acids

### Japan. ENCS - Existing and New Chemical Substances Inventory

**Components Not listed**  
Distillates (petroleum), hydrotreated heavy paraffinic  
kerosine (petroleum)  
Highly refined mineral oils and additives  
Fatty acids, C18-unsatd., dimers, polymers with azelaic acid,  
ethylenediamine and piperazine  
Mineral Oil  
Fatty acids

### Japan. Industrial Safety and Health Law - Inventory

**Components Not listed**  
Distillates (petroleum), hydrotreated heavy paraffinic  
kerosine (petroleum)  
Highly refined mineral oils and additives  
Fatty acids, C18-unsatd., dimers, polymers with azelaic acid,  
ethylenediamine and piperazine  
Mineral Oil  
Fatty acids

### Korea. KECI - Korean Existing Chemicals Inventory

**Components Not listed**  
Highly refined mineral oils and additives  
Mineral Oil  
Fatty acids

# Safety Data Sheet

## Engine Oil 2-Stroke Outboard

Version 1.01

Revision Date 30.08.2023

### Philippines. PICCS - Philippines Inventory of Chemicals and Chemical Substances

#### Components Not listed

Highly refined mineral oils and additives

Mineral Oil

Fatty acids

### China. IECSC - Inventory of Existing Chemical Substances in China

#### Components Not listed

Highly refined mineral oils and additives

Mineral Oil

Fatty acids

### Taiwan. Chemical Substances Inventory (TCSI)

#### Components Not listed

Highly refined mineral oils and additives

Mineral Oil

Fatty acids

### USA TSCA Inventory

#### Components Not listed

Highly refined mineral oils and additives

Mineral Oil

Fatty acids

## SECTION 16. Other information

### Full text of H-Statements

- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.



# Safety Data Sheet

## Engine Oil 2-Stroke Outboard

Version 1.01

Revision Date 30.08.2023

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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