



Safety Data Sheet

Steam Cylinder Oil 460

Version 1.01

Revision Date 26.11.2024

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

Product identifier

Trade name Steam Cylinder Oil 460

Synonyms Cylinder 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
2196

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

This substance or mixture is not classified as hazardous according to GHS.

Label elements

Not a hazardous substance or mixture.

Signal word

: Not applicable.



Safety Data Sheet

Steam Cylinder Oil 460

Version 1.01

Revision Date 26.11.2024

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

Mixture

Mineral Oil

Contents: 99.83 %W/W

CAS-No.

Index-No.

EC-No.

Safety Data Sheet

Steam Cylinder Oil 460

Version 1.01

Revision Date 26.11.2024

SECTION 4. First aid measures

Description of necessary first-aid measures

Inhalation	In the case of inhalation of aerosol/mist consult a physician if necessary. If breathed in, move person into fresh air. If breathing is difficult, give oxygen. If breathing has stopped, apply artificial respiration.
Skin contact	Wash off immediately with soap and plenty of water. Wash contaminated clothing before reuse. Get medical attention if irritation develops and persists.
Eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Ingestion	If swallowed, DO NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. If accidentally swallowed obtain immediate medical attention.

Most important symptoms/effects, acute and delayed

Refer to SECTION 11

SECTION 5. Firefighting measures

Suitable extinguishing media	Water spray, Foam, CO2, Dry powder.
Special hazards arising from the substance or mixture	Do not use a solid water stream as it may scatter and spread fire. In the event of fire and/or explosion do not breathe fumes.
Special protective equipment for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. Accidental release measures

Personal precautions	Use personal protective equipment. Handle in accordance with
-----------------------------	--



Safety Data Sheet

Steam Cylinder Oil 460

Version 1.01

Revision Date 26.11.2024

	good industrial hygiene and safety practice. Danger of slipping after spill or leakage.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Try to prevent the material from entering drains or water courses.
Methods for cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Never return spills in original containers for re-use. Large spills should be collected mechanically (remove by pumping) for disposal. Dispose of as hazardous waste in compliance with local and national regulations.
Reference to other sections	Refer to section 8 and 13

SECTION 7. Handling and storage

Safe handling advice	Wear personal protective equipment. Avoid contact with skin and eyes. Do not ingest. Do not swallow. Avoid spillage on floor as the product can become very slippery when wet.
Advice on protection against fire and explosion	No data available
Requirements for storage areas and containers	Do not store near combustible materials. Keep tightly closed.
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

Safety Data Sheet

Steam Cylinder Oil 460

Version 1.01

Revision Date 26.11.2024

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Hand protection	<p>Gloves suitable for permanent contact.:</p> <p>Material: nitrile rubber/nitrile latex, PVC or other plastic material gloves, In this case wear neoprene gloves when handling parts.</p> <p>Break through time: > 8 h</p> <p>Material thickness: 0.35 mm</p> <p>gloves suitable for splash protection:</p> <p>Material: natural rubber/natural latex</p> <p>Break through time: >= 480 min</p> <p>Material thickness: 0.35 mm</p> <p>Unsuitable gloves</p> <p>Material: butyl-rubber</p>
Eye protection	Safety goggles
Skin and body protection	lightweight protective clothing
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	brown
Odour	mild
Odour Threshold	No data available
pH	No data available
Pour point	-6 ° C
Flash point	290 ° C

Safety Data Sheet

Steam Cylinder Oil 460

Version 1.01

Revision Date 26.11.2024

Evaporation rate	No data available
Flammability (solid, gas)	No data available
Auto-ignition temperature	> 320 ° C
Vapour pressure	No data available
Relative vapour density	No data available
Density	0.90 g/cm ³ ; 20 ° C
Water solubility	immiscible
Partition coefficient: n-octanol/water	No data available
Viscosity, kinematic	480 mm ² /s; 40 ° C

SECTION 10. Stability and reactivity

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

SECTION 11. Toxicological information

Acute oral toxicity	No data available
Acute inhalation toxicity	No data available
Acute dermal toxicity	No data available
Skin irritation	No data available
Eye irritation	No data available
Carcinogenicity	Mineral oils are severely solvent refined or hydrotreated.

SECTION 12. Ecological information

Toxicity to fish	No data available
Toxicity to daphnia and other	No data is available on the product itself.



Safety Data Sheet

Steam Cylinder Oil 460

Version 1.01

Revision Date 26.11.2024

aquatic invertebrates

Toxicity to algae No data available

Toxicity to bacteria No data available

SECTION 13. Disposal considerations

Product	Dispose of in accordance with local regulations.
Packaging	Dispose of spent product packaging responsibly and lawfully with due consideration for health, safety and the environment.

SECTION 14. Transport information

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

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 Mineral Oil
Australia. AICS - Australian Inventory of Chemical Substances	Components Not listed Mineral Oil
New Zealand Inventory of Chemical Substances	Components Not listed Mineral Oil
Japan. ENCS - Existing and New Chemical Substances Inventory	Components Not listed Mineral Oil
Japan. Industrial Safety and Health Law - Inventory	Components Not listed Mineral Oil



Safety Data Sheet

Steam Cylinder Oil 460

Version 1.01

Revision Date 26.11.2024

Korea. KECI - Korean Existing Chemicals Inventory	Components Not listed Mineral Oil
Philippines. PICCS - Philippines Inventory of Chemicals and Chemical Substances	Components Not listed Mineral Oil
China. IECSC - Inventory of Existing Chemical Substances in China	Components Not listed Mineral Oil
Taiwan. Chemical Substances Inventory (TCSI)	Components Not listed Mineral Oil
USA TSCA Inventory	Components Not listed Mineral Oil

SECTION 16. Other information

Full text of H-Statements.

This substance contains no components with H-statement.

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.