



Safety Data Sheet

Turbine Compressor Oil G3 32

Version 1.01

Revision Date 18.08.2025

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

Product identifier

Trade name Turbine Compressor Oil G3 32

Synonyms Synthetic turbine and compressor 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 South Africa: 0800 11 28 90; International: +27 17 610 4444



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SECTION 2. Hazards identification

Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Classification	Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.
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Label elements

Hazard Statements	:	Not a hazardous substance or mixture.
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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

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

Contents: >= 93.20 %W/W

CAS-No. 64742-54-7

Index-No. 649-467-00-8

EC-No. 265-157-1

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SECTION 4. First aid measures

Description of necessary first-aid measures

Inhalation	Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration.
Skin contact	Wash off immediately with soap and plenty of water. Wash contaminated clothing before re-use.
Eye contact	Rinse immediately with plenty of water for at least 15 minutes.
Ingestion	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed

Refer to SECTION 11

SECTION 5. Firefighting measures

Suitable extinguishing media	Small fires: Dry chemical powder, Carbon dioxide and sand. Large fire: Water spray, fog or fire-fighting foam.
Special hazards arising from the substance or mixture	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Special protective equipment for firefighters	Wear self-contained breathing apparatus and protective suit.

SECTION 6. Accidental release measures

Personal precautions	Use personal protective equipment.
Environmental precautions	No special environmental precautions required.
Methods for cleaning up	Sweep up and shovel.
Reference to other sections	Refer to section 8 and 13

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SECTION 7. Handling and storage

Safe handling advice Wear personal protective equipment.

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

**Requirements for storage
areas and containers** Keep container tightly closed.

Advice on common storage No data available

SECTION 8. Exposure controls/personal protection

Ingredients 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 Gloves suitable for permanent contact.:
Material: nitrile rubber/nitrile latex, PVC or other plastic material gloves, In this case wear neoprene gloves when handling parts.
Break through time: > 8 h

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	Material thickness: 0.35 mm
	gloves suitable for splash protection:
	Material: natural rubber/natural latex
	Break through time: >= 480 min
	Material thickness: 0.35 mm
	Unsuitable gloves
	Material: butyl-rubber
Eye protection	Safety glasses with side-shields
Skin and body protection	Protective suit Safety shoes
Hygiene measures	Wash hands before breaks and immediately after handling the product. Take off all contaminated clothing immediately.

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
Color	straw light brown
Odor	hydrocarbon-like
Odor Threshold	No data available
pH	No data available
Pour point	-36 °C; ASTM D97
Boiling point/boiling range	No data available
Sublimation point	No data available
Flash point	230 °C; ASTM D92
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Autoignition temperature	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Relative vapor density	No data available
Density	0.84 g/cm ³ ; ASTM D4052
Water solubility	Insoluble, immiscible

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Partition coefficient: n-octanol/water	No data available
Viscosity, kinematic	33 mm ² /s; ASTM D 445

SECTION 10. Stability and reactivity

Reactivity	Stable under normal conditions.
Chemical stability	No data available
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Exposure to moisture. Heat, flames, sparks and other combustion sources.
Materials to avoid	Strong acids Oxidizing agents.
Hazardous decomposition products	No decomposition if stored normally. In case of fire hazardous decomposition products may be produced such as: Carbon dioxide (CO ₂).Carbon monoxide (CO).

SECTION 11. Toxicological information

Acute oral toxicity	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: LD50 Rat: > 2,000 mg/kg;
Acute inhalation toxicity	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: LC50 Rat: 4 h; 2.18 - 5.53 mg/l;
Acute dermal toxicity	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: LD50 Rabbit: > 2,000 mg/kg;
Repeated dose toxicity	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: Oral Rat; LOAEL (Lowest observed adverse effect level) 125 mg/kg
Repeated dose toxicity	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified:

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Repeated dose toxicity	Dermal Rat; Early embryonic development 30 - 2,000 mg/kg Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: Dermal Mouse; Early embryonic development 150 mg/kg
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SECTION 12. Ecological information

Toxicity to fish	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: static test; Pimephales promelas; 96 h; LL50; > 100 mg/l;
Toxicity to daphnia and other aquatic invertebrates	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: No data available
Toxicity to algae	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: algae 72 h; > 100 mg/l;
Chronic toxicity to fish	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified: No data available

SECTION 13. Disposal considerations

Product	Dispose of as hazardous waste in compliance with local and national regulations.
Packaging	Dispose of spent product packaging responsibly and lawfully with due consideration for health, safety and the environment.

SECTION 14. Transport information



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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

All chemical constituents are listed in: Canada. DSL - Domestic Substances List, part of CEPA (See chapter 3)

Australia. AICS - Australian Inventory of Chemical Substances

All chemical constituents are listed in: Australia. AICS - Australian Inventory of Chemical Substances (See chapter 3)

New Zealand Inventory of Chemical Substances

All chemical constituents are listed in: New Zealand Inventory of Chemical Substances (See chapter 3)

Japan. ENCS - Existing and New Chemical Substances Inventory

Components Not listed

Distillates (petroleum), hydrotreated heavy paraffinic

Japan. Industrial Safety and Health Law - Inventory

Components Not listed

Distillates (petroleum), hydrotreated heavy paraffinic

Korea. KECI - Korean Existing Chemicals Inventory

All chemical constituents are listed in: Korea. KECI - Korean Existing Chemicals Inventory (See chapter 3)

Philippines. PICCS - Philippines Inventory of Chemicals and Chemical Substances

All chemical constituents are listed in: Philippines. PICCS - Philippines Inventory of Chemicals and Chemical Substances (See chapter 3)

China. IECSC - Inventory of Existing Chemical Substances in China

All chemical constituents are listed in: China. IECSC - Inventory of Existing Chemical Substances in China (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)



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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.

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