



# Safety Data Sheet

## Turbine Compressor Oil G2 100

Version 1.01

Revision Date 22.10.2023

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

**Product identifier**

**Trade name** Turbine Compressor Oil G2 100

**Synonyms** Turbine 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  
2090

**Telephone** South Africa  
+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**

The mixture is not classified as hazardous according to GHS.

# Safety Data Sheet

## Turbine Compressor Oil G2 100

Version 1.01

Revision Date 22.10.2023

### Label elements

<b>Pictogram</b>	Not applicable.
<b>Signal word</b>	Not applicable.
<b>Hazard statements</b>	This substance is not classified as hazardous according to GHS.
<b>Other hazards</b>	No data available.

## SECTION 3. Composition/information on ingredients

### Mixture

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

**Contents:** <= 96.00 %W/W

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

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

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

### Mineral Oil

**Contents:** <= 3.43 %W/W

**CAS-No.**

**Index-No.**

**EC-No.**

### bis(nonylphenyl)amine

**Contents:** >= 0.14 - <= 0.21 %W/W

**CAS-No.** 36878-20-3

**Index-No.**

**EC-No.** 253-249-4

# Safety Data Sheet

## Turbine Compressor Oil G2 100

Version 1.01

Revision Date 22.10.2023

### Substituted triazole

Contents:  $\geq 0.14$  -  $\leq 0.21$  %W/W

CAS-No.

Index-No.

EC-No.

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



**SASOL**

## Safety Data Sheet

### Turbine Compressor Oil G2 100

Version 1.01

Revision Date 22.10.2023

#### SECTION 5. Firefighting measures

<b>Suitable extinguishing media</b>	Water spray, Foam, CO2, 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 (NOx) 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

# Safety Data Sheet

## Turbine Compressor Oil G2 100

Version 1.01

Revision Date 22.10.2023

<b>Safe handling advice</b>	Wear personal protective equipment. Do not breathe vapours or spray mist. Avoid contact with skin and eyes. Ensure adequate ventilation. Keep away from flames and sparks.
<b>Advice on protection against fire and explosion</b>	No data available.
<b>Requirements for storage areas and containers</b>	Keep away from heat. Do not store near combustible materials.
<b>Advice on common storage</b>	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

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: nitrile rubber/nitrile latex  
Break through time: > 8 h  
Material thickness: 0.35 mm



**SASOL**

## Safety Data Sheet

### Turbine Compressor Oil G2 100

Version 1.01

Revision Date 22.10.2023

	Unsuitable gloves
	Material: natural rubber/natural latex, polychloroprene, butyl-rubber, Polyvinylchloride
<b>Eye protection</b>	Safety goggles
<b>Skin and body protection</b>	lightweight protective clothing
<b>Hygiene measures</b>	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>	Slightly colourless
<b>Odour</b>	Mild
<b>Odour Threshold</b>	No data available.
<b>pH</b>	No data available.
<b>Pour point</b>	-12 ° C
<b>Flash point</b>	220 ° C
<b>Evaporation rate</b>	No data available.
<b>Flammability (solid, gas)</b>	No data available.
<b>Auto-ignition temperature</b>	> 320 ° C

## Safety Data Sheet

### Turbine Compressor Oil G2 100

Version 1.01

Revision Date 22.10.2023

<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>	0.885 g/cm <sup>3</sup> ; 20 ° C
<b>Water solubility</b>	Immiscible
<b>Partition coefficient: n-octanol/water</b>	No data available.
<b>Viscosity, kinematic</b>	100 mm <sup>2</sup> /s; 40 ° C

#### 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



**SASOL**

## Safety Data Sheet

### Turbine Compressor Oil G2 100

Version 1.01

Revision Date 22.10.2023

<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: 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

Print Date 22.10.2023

100000006694

8/11



# Safety Data Sheet

## Turbine Compressor Oil G2 100

Version 1.01

Revision Date 22.10.2023

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

**Product** Dispose of in accordance with local regulations.

### 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, Components Not listed

Print Date 22.10.2023

100000006694

9/11

# Safety Data Sheet

## Turbine Compressor Oil G2 100

Version 1.01

Revision Date 22.10.2023

part of CEPA

Mineral Oil  
Substituted triazole

Australia. AICS - Australian Inventory of  
Chemical Substances

**Components Not listed**  
Mineral Oil  
Substituted triazole

New Zealand Inventory of Chemical  
Substances

**Components Not listed**  
Mineral Oil  
Substituted triazole

Japan. ENCS - Existing and New Chemical  
Substances Inventory

**Components Not listed**  
Distillates (petroleum), hydrotreated heavy paraffinic  
Mineral Oil  
Substituted triazole

Japan. Industrial Safety and Health Law -  
Inventory

**Components Not listed**  
Distillates (petroleum), hydrotreated heavy paraffinic  
Mineral Oil  
Substituted triazole

Korea. KECI - Korean Existing Chemicals  
Inventory

**Components Not listed**  
Mineral Oil  
Substituted triazole

Philippines. PICCS - Philippines Inventory of  
Chemicals and Chemical Substances

**Components Not listed**  
Mineral Oil  
Substituted triazole

China. IECSC - Inventory of Existing  
Chemical Substances in China

**Components Not listed**  
Mineral Oil  
Substituted triazole



# Safety Data Sheet

## Turbine Compressor Oil G2 100

Version 1.01

Revision Date 22.10.2023

**Taiwan. Chemical Substances Inventory  
(TCSI)**

**Components Not listed**

Mineral Oil

Substituted triazole

**USA TSCA Inventory**

**Components Not listed**

Mineral Oil

Substituted triazole

### 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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