



Safety Data Sheet

Glycol Oil

Version 1.01

Revision Date 02.03.2018

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

Product identifier

Trade name Glycol Oil

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

Use Industrial use.

Manufacturer or supplier's details

Company Sasol Chemicals, a division of Sasol South Africa (Pty) Ltd

Address Sasol Place, 50 Katherine Street
Sandton
2090
South Africa

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+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)

SECTION 2. Hazards identification

Safety Data Sheet

Glycol Oil

Version 1.01

Revision Date 02.03.2018

Classification of the substance or mixture

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

Classification

Skin corrosion

Category 1A

Label elements

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

Pictogram



Signal word

Danger

Hazard statements

H314: Causes severe skin burns and eye damage.

Precautionary statements

Prevention

P260: Do not breathe dust or mist.

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response

P301 + P330 + P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353: IF ON SKIN (or hair): Remove/ Take off

Safety Data Sheet

Glycol Oil

Version 1.01

Revision Date 02.03.2018

immediately all contaminated clothing. Rinse skin with water/ shower.

P363: Wash contaminated clothing before reuse.

P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P310: Immediately call a POISON CENTER/doctor.

P321: Specific treatment (see supplemental first aid instructions on this label).

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Storage

P405: Store locked up.

Disposal

Dispose of as hazardous waste in compliance with local and national regulations.

Other hazards

No data available

SECTION 3. Composition/information on ingredients

Mixture

Potassium hydroxide; caustic potash

Contents: < 10.00 %W/W

CAS-No. 1310-58-3

Index-No. 019-002-00-8

EC-No. 215-181-3

Hazard statements *H314 H302 H290*

Butylpolyglycol ether

Contents: <= 85.00 %W/W

Safety Data Sheet

Glycol Oil

Version 1.01

Revision Date 02.03.2018

CAS-No. 9004-77-7

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

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	Take off contaminated clothing and shoes immediately. Wash off immediately with soap and plenty of water. Call a physician immediately.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Protect unharmed eye. Call a physician immediately.
Ingestion	If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed

Refer to SECTION 11

SECTION 5. Firefighting measures



Safety Data Sheet

Glycol Oil

Version 1.01

Revision Date 02.03.2018

Suitable extinguishing media	Water spray. Dry powder. Foam. Carbon dioxide (CO ₂).
Special hazards arising from the substance or mixture	Do not allow run-off from fire fighting to enter drains or water courses.
Special protective equipment for firefighters	Wear self-contained breathing apparatus and protective suit.

SECTION 6. Accidental release measures

Personal precautions	Use personal protective equipment. Do not breathe vapours or spray mist.
Environmental precautions	Do not flush into surface water or sanitary sewer system.
Methods for cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Reference to other sections	Refer to Section 8 and 13

SECTION 7. Handling and storage

Safe handling advice	Wear personal protective equipment. Do not breathe vapours or spray mist. Avoid contact with skin and eyes.
Advice on protection against fire and explosion	Provide sufficient air exchange and/or exhaust in work rooms. Keep away from open flames, hot surfaces and sources of ignition.
Requirements for storage	Keep containers tightly closed in a dry, cool and well-ventilated

Safety Data Sheet

Glycol Oil

Version 1.01

Revision Date 02.03.2018

areas and containers place.

Advice on common storage No data available

SECTION 8. Exposure controls/personal protection

Components with workplace control parameters

NATIONAL OCCUPATIONAL EXPOSURE LIMITS

Components	Type	Control parameters	Update	Basis
POTASSIUM HYDROXIDE	STEL	2 mg/m ³	1995	South Africa RELs

Exposure controls

Engineering measures

Provide sufficient air exchange and/or exhaust in work rooms.

Personal protective equipment

Respiratory protection Self-contained breathing apparatus (EN 133)

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

Eye protection Tightly fitting safety goggles

Skin and body protection Chemical resistant safety boots. Acid Resistant Overalls

Safety Data Sheet

Glycol Oil

Version 1.01

Revision Date 02.03.2018

Hygiene measures

Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

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	Dark brown
Odour	Mild
Odour Threshold	No data available
pH	No data available
Melting point/range	-20 ° C; 1,013 hPa
Boiling point/boiling range	> 200 ° C
Flash point	130 ° C; closed cup
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Auto-ignition temperature	330 ° C
Relative vapour density	No data available
Density	1.08 g/cm ³ ; 20 ° C
Water solubility	Completely miscible

Safety Data Sheet

Glycol Oil

Version 1.01

Revision Date 02.03.2018

SECTION 10. Stability and reactivity

Reactivity	Stable under recommended storage conditions.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	Reacts violently with acids
Conditions to avoid	Keep away from combustible material.
Materials to avoid	Oxidizing agents. Reducing agents.
Hazardous decomposition products	Stable under normal conditions.

SECTION 11. Toxicological information

Acute oral toxicity	Potassium hydroxide; caustic potash: LD50 Rat: > 200 - 2,000 mg/kg; (literature value)
Skin irritation	Potassium hydroxide; caustic potash: Rabbit: Corrosive; (literature value)
Eye irritation	Potassium hydroxide; caustic potash: Rabbit: Risk of serious damage to eyes. (literature value)
Sensitisation	Potassium hydroxide; caustic potash: Intracutaneous test; Guinea pig: Not sensitizing; (literature value)

SECTION 12. Ecological information



Safety Data Sheet

Glycol Oil

Version 1.01

Revision Date 02.03.2018

Toxicity to fish	Potassium hydroxide; caustic potash: static test; <i>Gambusia affinis</i> ; 96 h; LC50; > 10 - 100 mg/l; yes; (literature value)
Biodegradability	Potassium hydroxide; caustic potash: The methods for determining biodegradability are not applicable to inorganic substances.
Mobility in soil	No data available
Results of PBT and vPvB assessment	This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

SECTION 13. Disposal considerations

Product Dispose of in accordance with local regulations.

SECTION 14. Transport information

ADR

UN number: 1814
Class: 8
Packaging group: II; C5;
Proper shipping name: POTASSIUM HYDROXIDE SOLUTION

RID

UN number: 1814



Safety Data Sheet

Glycol Oil

Version 1.01

Revision Date 02.03.2018

Class: 8
Packaging group: II; C5
Proper shipping name: POTASSIUM HYDROXIDE SOLUTION

ADNR

UN number: 1814
Class: 8
Packaging group: II; C5
Proper shipping name: POTASSIUM HYDROXIDE SOLUTION

IMDG

UN number: 1814
Class: 8
EmS: F-A, S-B
Packaging group: II
Proper shipping name: POTASSIUM HYDROXIDE SOLUTION

Marine pollutant Not a Marine Pollutant

ICAO/IATA

UN number : 1814



Safety Data Sheet

Glycol Oil

Version 1.01

Revision Date 02.03.2018

Class: 8

Packaging group: II

Proper shipping name: POTASSIUM HYDROXIDE SOLUTION

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Ship Type: 3
Pollution Category: Y

SECTION 15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

USA TSCA Inventory	All chemical constituents are listed in: USA TSCA Inventory (See chapter 3)
Canadian Domestic Substances List (DSL)	All chemical constituents are listed in: Canadian Domestic Substances List (DSL) (See chapter 3)
Australian Inv. of Chem. Substances (AICS)	All chemical constituents are listed in: Australian Inv. of Chem. Substances (AICS) (See chapter 3)
New Zealand Inventory of Chemicals (NZIoC)	All chemical constituents are listed in: New Zealand Inventory of Chemicals (NZIoC) (See chapter 3)
Jap. Inv. of Exist. & New Chemicals (ENCS)	All chemical constituents are listed in: Jap. Inv. of Exist. & New Chemicals (ENCS) (See chapter 3)
Japan. Industrial Safety & Health Law (ISHL)	All chemical constituents are listed in: Japan. Industrial Safety & Health Law (ISHL) (See chapter 3)
Korea. Existing Chemicals Inventory (KECI)	All chemical constituents are listed in: Korea. Existing

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Safety Data Sheet

Glycol Oil

Version 1.01

Revision Date 02.03.2018

	Chemicals Inventory (KECI) (See chapter 3)
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	All chemical constituents are listed in: Philippines Inventory of Chemicals and Chemical Substances (PICCS) (See chapter 3)
China Inv. Existing Chemical Substances (IECSC)	All chemical constituents are listed in: China Inv. Existing Chemical Substances (IECSC) (See chapter 3)

SECTION 16. Other information

Full text of H-Statements

- H290 May be corrosive to metals.
- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.

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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