



Safety Data Sheet

Butyl Triglycol

Version 1.00

Revision Date 17.06.2021

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

Product identifier

Trade name

Butyl Triglycol

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 Ltd

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SECTION 2. Hazards identification

Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Classification

Serious eye damage

Category 1

Label elements

REGULATION (EC) No 1272/2008

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Hazard pictograms :



Signal word :

Danger

Hazard statements :

H318 Causes serious eye damage.

Precautionary statements

Prevention

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

Response

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

Storage

NA No precautionary statement

Disposal

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. Composition/information on ingredients

Mixture

2-[2-(2-butoxyethoxy)ethoxy]ethanol

Contents: >= 70.00 %W/W

CAS-No. 143-22-6

Index-No. 603-183-00-0

EC-No. 205-592-6

Hazard statements H318

2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether

Contents: < 15.00 %W/W

CAS-No. 112-34-5

Index-No. 603-096-00-8

EC-No. 203-961-6

Hazard statements H319



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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. Consult a physician.
Skin contact	Wash off immediately with plenty of water for at least 15 minutes.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Ingestion	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Most important symptoms/effects, acute and delayed

Refer to SECTION 11

SECTION 5. Firefighting measures

Suitable extinguishing media	Water spray Dry powder Alcohol-resistant foam Carbon dioxide (CO ₂)
Special hazards arising from the substance or mixture	No information available.
Special protective equipment for firefighters	Use personal protective equipment.

SECTION 6. Accidental release measures

Personal precautions	Use personal protective equipment.
Environmental precautions	Avoid subsoil penetration. 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

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binder, universal binder, sawdust). The material taken up must be disposed of in accordance with 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.

Advice on protection against fire and explosion No special protective measures against fire required.

Requirements for storage areas and containers Keep containers tightly closed in a cool, well-ventilated place.

Advice on common storage container material Keep in a cool, well-ventilated place.
Suitable materials: Stainless steel

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

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

Personal protective equipment

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

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Hand protection	Gloves suitable for permanent contact: Material: butyl-rubber Break through time: 4 h Material thickness: 0.5 mm
Eye protection	Safety glasses with side-shields
Skin and body protection	Protective suit
Hygiene measures	Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice for diagnostics.

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	Colourless
Odour	Odourless
Odour Threshold	No data available
pH	neutral
Melting point/range	-35 ° C
Boiling point/boiling range	260 - 320 ° C; 1,013 hPa
Flash point	ca. 140 ° C; DIN 51758
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Auto-ignition temperature	325 ° C
Lower explosion limit	0.7 %(V)
Upper explosion limit	3.8 %(V)
Vapour pressure	< 0.1 hPa; 25 ° C
Relative vapour density	No data available
Density	0.99 g/cm ³ ; 20 ° C
Water solubility	20 ° C; completely miscible
Partition coefficient: n-octanol/water	log Pow: 0.44 - 0.51
Viscosity, dynamic	10.4 mPa.s; 20 ° C

SECTION 10. Stability and reactivity

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Reactivity	Stable under normal conditions.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Heat, flames and sparks.
Materials to avoid	Oxidizing agents Reducing agents Acids and bases
Hazardous decomposition products	No decomposition if stored normally.

SECTION 11. Toxicological information

Skin irritation	2-[2-(2-butoxyethoxy)ethoxy]ethanol: Rabbit: Not irritating; Draize Test (literature value)
Skin irritation	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether: Rabbit: Slightly irritating; (literature value)
Eye irritation	2-[2-(2-butoxyethoxy)ethoxy]ethanol: Rabbit: Risk of serious damage to eyes. (literature value)
Eye irritation	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether: Rabbit: Highly irritating (literature value)
Sensitisation	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether: Maximisation Test; Guinea pig: Not sensitizing; (literature value)
Mutagenicity	2-[2-(2-butoxyethoxy)ethoxy]ethanol: Ames test: Not mutagenic; (literature value)
Mutagenicity	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether: Ames test: Not mutagenic; (literature value)

SECTION 12. Ecological information

Toxicity to fish	2-[2-(2-butoxyethoxy)ethoxy]ethanol: Poecilia reticulata; LC50; > 100 mg/l; (literature value)
Toxicity to fish	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether: Leuciscus idus (Golden orfe); LC50; > 100 mg/l; (literature value)
Toxicity to algae	2-[2-(2-butoxyethoxy)ethoxy]ethanol:

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	Desmodesmus subspicatus (green algae) 72 h; > 100 mg/l; (literature value)
Toxicity to algae	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether: Desmodesmus subspicatus (green algae) EC50; > 100 mg/l; (literature value)
Biodegradability	2-[2-(2-butoxyethoxy)ethoxy]ethanol: > 70 %; 21 d; Readily biodegradable.; (literature value)
Biodegradability	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether: > 70 %; 28 d; Readily biodegradable.; (literature value)
Biodegradability	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether: 100 %; 28 d; Readily biodegradable.; (literature value)
Mobility in soil	No data available
Results of PBT and vPvB assessment	This substance is not considered to be very persistent and very bioaccumulating (vPvB).

SECTION 13. Disposal considerations

Product	Disposal should be in accordance with local, regional and national legislations.
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 dangerous goods in the meaning of ADR/RID, ADN, IMDG- Code, ICAO/IATA-DGR
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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)

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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 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

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

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.



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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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