

Safety Data Sheet

SASFROTH 200

Version 1.03

Revision Date 04.03.2024

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

Product identifier

Trade name SASFROTH 200

Product code 3270

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
Address Sasol Place, 50 Katherine Street
 Sandton
 2090
 South Africa

Telephone +27103445000

E-mail address sasolchem.info.sa@sasol.com

Emergency telephone number +44 (0)1235 239 670 (Europe, Israel, Africa, Americas)
 +44(0)1235 239 671 (Middle East, Arabic African countries)
 +65 3158 1074 (Asia Pacific)
 +86 400 120 6011 (China)
 +27 (0)17 610 4444 (South Africa)
 0800 112 890 RSA-Local only
 +61 (2) 8014 4558 (Australia)

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

Hazard pictograms : 

Signal word : Danger

Hazard statements : H318 Causes serious eye damage.



Safety Data Sheet

SASFROTH 200

Version 1.03

Revision Date 04.03.2024

Precautionary statements

Prevention	P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response	P305 + P354 + P338 + P317 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical help.
Storage	NA: No precautionary statement
Disposal	P501 Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

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

HAZARDOUS INGREDIENTS

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

Contents: > 60.00 %W/W

CAS-No. 143-22-6

Index-No. 603-183-00-0

EC-No. 205-592-6

Hazard statements H318

Butylpolyglycol ether

Contents: > 30.00 - <= 60.00 %W/W

CAS-No. 9004-77-7

Index-No.

EC-No.

Safety Data Sheet

SASFROTH 200

Version 1.03

Revision Date 04.03.2024

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.
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 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

Safety Data Sheet

SASFROTH 200

Version 1.03

Revision Date 04.03.2024

areas and containers	Keep containers tightly closed in a cool, well-ventilated place.
Advice on common storage	Keep in a cool, well-ventilated place.
container material	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.

Hand protection

Gloves suitable for permanent contact:
 Material: nitrile rubber/nitrile latex
 Break through time: \geq 480 min
 Material thickness: 0.35 mm

Gloves suitable for permanent contact:
 Material: butyl-rubber
 Break through time: \geq 480 min
 Material thickness: 0.5 mm

gloves suitable for splash protection:
 Material: natural rubber/natural latex
 Break through time: \geq 120 min
 Material thickness: 0.5 mm

Eye protection Unsuitable gloves
 Material: polychloroprene
 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.

Safety Data Sheet

SASFROTH 200

Version 1.03

Revision Date 04.03.2024

pH	No data available.
Melting point/range	No data available.
Boiling point/boiling range	260 - 320 °C; 1,013 hPa; ASTM D86
Flash point	140 °C; ASTM D 93 - 85; closed cup;
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Auto-ignition temperature	No data available.
Decomposition Temperature	No data available.
Lower explosion limit	No data available.
Upper explosion limit	No data available.
Vapour pressure	No data available.
Relative vapour density	No data available.
Density	0.99 g/cm ³ ; 20 °C; ASTM D4052
Water solubility	Completely soluble
Partition coefficient: n-octanol/water	No data available.
Viscosity, kinematic	11.06 mm ² /s; 20 °C; ASTM D7042

SECTION 10. Stability and reactivity

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

Acute inhalation toxicity	No data available.
Skin irritation	2-[2-(2-butoxyethoxy)ethoxy]ethanol: Rabbit: Not irritating; Draize Test (literature value)
Eye irritation	2-[2-(2-butoxyethoxy)ethoxy]ethanol: Rabbit: Risk of serious damage to eyes. (literature value)
Repeated dose toxicity	No data available.
Mutagenicity	2-[2-(2-butoxyethoxy)ethoxy]ethanol: Ames test: Not mutagenic; (literature value)
Mutagenicity	Butylpolyglycol ether: No data available. No data available.;

SECTION 12. Ecological information

Toxicity to fish	2-[2-(2-butoxyethoxy)ethoxy]ethanol: Poecilia reticulata; LC50; > 100 mg/l; (literature value)
Toxicity to daphnia and other aquatic invertebrates	No data available.
Toxicity to algae	2-[2-(2-butoxyethoxy)ethoxy]ethanol: Desmodesmus subspicatus (green algae)72 h; > 100 mg/l; (literature value)

Safety Data Sheet

SASFROTH 200

Version 1.03

Revision Date 04.03.2024

Toxicity to bacteria	No data available.
Toxicity to fish	No data available.
Biodegradability	2-[2-(2-butoxyethoxy)ethoxy]ethanol: > 70 %; 21 d; Readily biodegradable.; (literature value)
Physico-chemical removability	No data available.
Bioaccumulation	No data available.
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 and spillages should be addressed with due consideration to 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
----------------------------	--

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 Chemicals Inventory (KECI) (See chapter 3)



Safety Data Sheet

SASFROTH 200

Version 1.03

Revision Date 04.03.2024

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.

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.