

Safety Data Sheet

SASFROTH 2004

Version 1.02

Revision Date 09.10.2025

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

Product identifier

Trade name SASFROTH 2004

Product code 3236

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

Use Industrial use. Mining Frother.

Manufacturer or supplier's details

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+61 (2) 8014 4558 (Australia)

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SECTION 2. Hazards identification

Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Classification	Skin corrosion Serious eye damage	Category 1B Category 1
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Label elements

REGULATION (EC) No 1272/2008

Hazard pictograms



Signal Word

: Danger

Hazard Statements

: H314 Causes severe skin burns and eye damage.
H302 Harmful if swallowed.

Precautionary Statements

Prevention

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P264 Wash the contact area thoroughly after handling.
P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.
P270 Do not eat, drink or smoke when using this product.

Response

P301 + P317 IF SWALLOWED: Get medical help.
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302 + P361 + P354 + P316 IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes. Get emergency medical help immediately.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
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.
P363 Wash contaminated clothing before reuse.

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Storage

P405 Store locked up.

Disposal

P501 Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

Other hazards

None known.

SECTION 3. Composition/information on ingredients

HAZARDOUS INGREDIENTS

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

Contents: >= 10.00 - <= 30.00 %W/W

CAS-No. 143-22-6

Index-No. 603-183-00-0

EC-No. 205-592-6

Hazard Statements *H318*

potassium hydroxide

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*

Butylpolyglycol ether

Contents: > 65.00 %W/W

CAS-No. 9004-77-7

Index-No.

EC-No.

Hazard Statements *H318*

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

Contents: < 10.00 %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 vapors. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.
Skin contact	Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Call a physician immediately.
Ingestion	If swallowed, seek medical advice immediately and show this container or label. Prevent vomiting if possible. If a person vomits when lying on his back, place him in the recovery position. 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 Water spray Dry powder Foam

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 vapors or spray mist. Ensure adequate ventilation. Keep away from sources of ignition - No smoking.

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

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Safe handling advice Wear personal protective equipment. Avoid contact with skin and eyes. Keep away from sources of ignition - No smoking.

Advice on protection against fire and explosion Use explosion-proof equipment. Provide sufficient air exchange and/or exhaust in work rooms. Keep away from open flames, hot surfaces and sources of ignition.

Requirements for storage areas and containers Keep containers tightly closed in a cool, well-ventilated place. Keep away from sources of ignition - No smoking.

Advice on common storage No data available

SECTION 8. Exposure controls/personal protection

Ingredients 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

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 Safety shoes

Hygiene measures Wash hands before breaks and immediately after handling the product.

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 brown

Odor No data available

Odor Threshold No data available

pH 14

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Melting point/ range	No data available
Boiling point/boiling range	100 - 217 °C; ASTM D86
Flash point	104 °C; ASTM D 93; closed cup;
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
Vapor pressure	No data available
Relative vapor density	No data available
Density	1.04 g/cm ³ ; 20 °C; ASTM D4052
Bulk density	No data available
Water solubility	partly soluble
Viscosity, kinematic	58 mm ² /s; 20 °C; ASTM D 445

SECTION 10. Stability and reactivity

Reactivity	Stable under recommended storage conditions.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	None known.
Conditions to avoid	Heat.
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)
Sensitization	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether: Maximization 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:

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Toxicity to daphnia and other aquatic invertebrates	Leuciscus idus (Golden orfe); LC50; > 100 mg/l; (literature value)
Toxicity to daphnia and other aquatic invertebrates	2-[2-(2-butoxyethoxy)ethoxy]ethanol: Daphnia magna; 24 h; EC50; > 100 mg/l(literature value)
Toxicity to algae	2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether: Daphnia magna; 48 h; EC50; > 100 mg/l(literature value)
Toxicity to algae	2-[2-(2-butoxyethoxy)ethoxy]ethanol: 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	Product does not contain substances which are very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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

DG Pictogram



ADR	
UN number:	1760
Class:	8
Packaging group:	III; C9;
Proper shipping name:	CORROSIVE LIQUID, N.O.S.

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(Potassium Hydroxide)

RID

UN number: 1760
Class: 8
Packaging group: III; C9
Proper shipping name: CORROSIVE LIQUID, N.O.S.
(Potassium Hydroxide)

ADNR

UN number: 1760
Class: 8
Packaging group: III; C9
Proper shipping name: CORROSIVE LIQUID, N.O.S.
(Potassium Hydroxide)

IMDG

UN number: 1760
Class: 8
EmS: F-A, S-B
Packaging group: III
Proper shipping name: CORROSIVE LIQUID, N.O.S.
(Potassium Hydroxide)

Marine pollutant

Not a Marine Pollutant

ICAO/IATA

UN number : 1760
Class: 8
Packaging group: III
Proper shipping name: CORROSIVE LIQUID, N.O.S.
(Potassium Hydroxide)

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 &

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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

- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- 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. 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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