



## Safety Data Sheet

### SASFROTH 39

Version 1.03

Revision Date 09.10.2025

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

##### Product identifier

**Trade name** SASFROTH 39

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

**Use** Solvent. Mining Frother. Industrial use.

##### Manufacturer or supplier's details

**Company** Sasol Chemicals, a division of Sasol South Africa Ltd  
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Sandton  
2090  
South Africa

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

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

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### SECTION 2. Hazards identification

#### Classification of the substance or mixture

##### REGULATION (EC) No 1272/2008

<b>Classification</b>	Flammable liquids	Category 3
	Acute oral toxicity	Category 4
	Skin irritation	Category 2
	Specific target organ toxicity - single exposure (Respiratory system)	Category 3
	Serious eye damage/eye irritation	Category 1

#### Label elements

##### REGULATION (EC) No 1272/2008

#### Hazard pictograms



#### Signal Word

: Danger

#### Hazard Statements

: H226 Flammable liquid and vapor.  
 H302 Harmful if swallowed.  
 H315 Causes skin irritation.  
 H318 Causes serious eye damage.  
 H335 May cause respiratory irritation.

#### Precautionary Statements

#### Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P233 Keep container tightly closed.  
 P264 Wash the contact area thoroughly after handling.  
 P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.  
 P243 Take action to prevent static discharges.

#### Response

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
 P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in

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a position comfortable for breathing.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P370 + P378 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.

P301 + P317 + P330 IF SWALLOWED: Get medical help. Rinse mouth.

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

P403 + P235 Store in a well-ventilated place. Keep cool.

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

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

#### Hexanols

**Contents:**  $\geq 30.00$  -  $\leq 60.00$  %W/W

**CAS-No.** 25917-35-5

**Index-No.**

**EC-No.** 247-346-0

**Hazard Statements** H302

#### hexan-1-ol

**Contents:**  $\geq 10.00$  -  $\leq 30.00$  %W/W

**CAS-No.** 111-27-3

**Index-No.** 603-059-00-6

**EC-No.** 203-852-3

**Hazard Statements** H302

#### Mixed Pentanol Isomers

**Contents:**  $< 10.00$  %W/W

**CAS-No.** 30899-19-5

**Index-No.** 603-006-00-7

**EC-No.** 250-378-8

**Hazard Statements** H226 H332 H335

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

**Contents:** < 10.00 %W/W

**CAS-No.** 143-22-6

**Index-No.** 603-183-00-0  
**Hazard Statements** *H318*

**EC-No.** 205-592-6

#### cyclohexanol

**Contents:** < 10.00 %W/W

**CAS-No.** 108-93-0

**Index-No.** 603-009-00-3  
**Hazard Statements** *H315 H302 H332 H335*

**EC-No.** 203-630-6

#### C10-C13 n-Paraffin

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

**CAS-No.**

**Index-No.**  
**Hazard Statements** *H304*

**EC-No.**

#### Butylpolyglycol ether

**Contents:** < 10.00 %W/W

**CAS-No.** 9004-77-7

**Index-No.**  
**Hazard Statements** *H318*

**EC-No.**

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For the full text of the H-Statements mentioned in this Section, see Section 16.

### Other data

NOTE: C10-C13 contains Undecane (1120-21-4), Dodecane (112-40-3), Tridecane (629-50-5).

## SECTION 4. First aid measures

### Description of necessary first-aid measures

<b>Inhalation</b>	Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a physician.
<b>Skin contact</b>	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Call a physician immediately.
<b>Ingestion</b>	If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.
<b>Most important symptoms/effects, acute and delayed</b>	

Refer to SECTION 11

## SECTION 5. Firefighting measures

<b>Suitable extinguishing media</b>	Dry sand Dry chemical Alcohol-resistant foam
<b>Special hazards arising from the substance or mixture</b>	Do not allow run-off from fire fighting to enter drains or water courses.
<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. Do not breathe vapors or spray mist. Ensure adequate ventilation.
<b>Environmental precautions</b>	Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system.
<b>Methods for cleaning up</b>	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.
<b>Reference to other sections</b>	Refer to section 8 and 13

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### SECTION 7. Handling and storage

<b>Safe handling advice</b>	Wear personal protective equipment. Avoid contact with skin and eyes.
<b>Advice on protection against fire and explosion</b>	No special protective measures against fire required.
<b>Requirements for storage areas and containers</b>	Keep containers tightly closed in a cool, well-ventilated place.
<b>Advice on common storage</b>	No data available

### SECTION 8. Exposure controls/personal protection

#### Ingredients with workplace control parameters

#### NATIONAL OCCUPATIONAL EXPOSURE LIMITS

Components	Type	Control parameters	Update	Basis
2-BUTOXYETHANOL	TWA	120 mg/m <sup>3</sup>	1995	South Africa Control Limits
2-BUTOXYETHANOL	TWA	25 ppm	1995	South Africa Control Limits
ETHYLENE GLYCOL	TWA	120 mg/m <sup>3</sup>	1995	South Africa RELs
MONOBUTYL ETHER	TWA	25 ppm	1995	South Africa RELs
ETHYLENE GLYCOL				
MONOBUTYL ETHER				

#### Exposure controls

##### Engineering measures

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

##### Personal protective equipment

<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Hand protection</b>	Solvent-resistant gloves
<b>Eye protection</b>	Safety glasses with side-shields
<b>Skin and body protection</b>	Protective suit Safety shoes
<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
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<b>State of matter</b>	liquid; at 20 °C; 1,013 hPa
<b>Color</b>	amber
<b>Odor</b>	alcohol-like
<b>Odor Threshold</b>	No data available
<b>pH</b>	Not applicable
<b>Melting point/ range</b>	-45 °C
<b>Boiling point/boiling range</b>	122.8 - 317.5 °C; ASTM D86
<b>Flash point</b>	58 °C; ASTM D 93; closed cup;
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Lower explosion limit</b>	Not applicable
<b>Upper explosion limit</b>	Not applicable
<b>Vapor pressure</b>	No data available
<b>Relative vapor density</b>	4.01
<b>Density</b>	0.89 g/cm <sup>3</sup> ; 20 °C; ASTM D4052
<b>Bulk density</b>	Not applicable
<b>Water solubility</b>	Miscible
<b>Viscosity, kinematic</b>	7.04 mm <sup>2</sup> /s; 20 °C; ASTM D 445

#### 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>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Heat, flames, sparks and other combustion sources.
<b>Materials to avoid</b>	Oxidizing agents Reducing agents Acids and bases
<b>Hazardous decomposition products</b>	No decomposition if stored normally.

#### SECTION 11. Toxicological information

<b>Skin irritation</b>	cyclohexanol: irritating;
<b>Eye irritation</b>	2-[2-(2-butoxyethoxy)ethoxy]ethanol: Rabbit: Risk of serious damage to eyes. (literature value)
<b>Sensitization</b>	No data available
<b>Repeated dose toxicity</b>	No data available
<b>Carcinogenicity</b>	No data available

#### SECTION 12. Ecological information

<b>Toxicity to fish</b>	hexan-1-ol: Pimephales promelas; 96 h; LC50; 97.5 mg/l;
<b>Toxicity to fish</b>	2-[2-(2-butoxyethoxy)ethoxy]ethanol: Poecilia reticulata; LC50; > 100 mg/l; (literature value)
<b>Toxicity to daphnia and other aquatic invertebrates</b>	2-butoxyethanol: Daphnia magna; 96 h; LC50; 550 - 950 mg/l(literature value)

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<b>Toxicity to algae</b>	No data available
<b>Toxicity to fish</b>	No data available
<b>Chronic toxicity in aquatic invertebrates</b>	No data available
<b>Biodegradability</b>	No data available
<b>Physico-chemical removability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in soil</b>	No data available
<b>Results of PBT and vPvB assessment</b>	Product does not contain substances which are very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

#### SECTION 13. Disposal considerations

<b>Product</b>	Disposal and spillages should be addressed with due consideration to local, regional and national legislations.
<b>Packaging</b>	Dispose of spent product packaging responsibly and lawfully with due consideration for health, safety and the environment.

#### SECTION 14. Transport information

##### DG Pictogram



<b>ADR</b>	
<b>UN number:</b>	1993
<b>Class:</b>	3
<b>Packaging group:</b>	III; F1;
<b>Proper shipping name:</b>	FLAMMABLE LIQUID, N.O.S. (Hexanols, pentanols)

<b>RID</b>	
<b>UN number:</b>	1993
<b>Class:</b>	3
<b>Packaging group:</b>	III; F1
<b>Proper shipping name:</b>	FLAMMABLE LIQUID, N.O.S. (Hexanols, pentanols)

<b>IMDG</b>	
<b>UN number:</b>	1993





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<b>Class:</b>	3
<b>EmS:</b>	F-E, S-E
<b>Packaging group:</b>	III
<b>Proper shipping name:</b>	FLAMMABLE LIQUID, N.O.S. (Hexanols, pentanols)
<b>ICAO/IATA</b>	
<b>UN number :</b>	1993
<b>Class:</b>	3
<b>Packaging group:</b>	III
<b>Proper shipping name:</b>	FLAMMABLE LIQUID, N.O.S. (Hexanols, pentanols)

#### SECTION 15. Regulatory information

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

**Canada. DSL - Domestic Substances List, part of CEPA** All chemical constituents are listed in: Canada. DSL - Domestic Substances List, part of CEPA (See chapter 3)

**Australia. AICS - Australian Inventory of Chemical Substances** All chemical constituents are listed in: Australia. AICS - Australian Inventory of Chemical Substances (See chapter 3)

**New Zealand Inventory of Chemical Substances** All chemical constituents are listed in: New Zealand Inventory of Chemical Substances (See chapter 3)

**Japan. ENCS - Existing and New Chemical Substances Inventory** All chemical constituents are listed in: Japan. ENCS - Existing and New Chemical Substances Inventory (See chapter 3)

**Japan. Industrial Safety and Health Law - Inventory** All chemical constituents are listed in: Japan. Industrial Safety and Health Law - Inventory (See chapter 3)

**Korea. KECI - Korean Existing Chemicals Inventory** All chemical constituents are listed in: Korea. KECI - Korean Existing Chemicals Inventory (See chapter 3)

**Philippines. PICCS - Philippines Inventory of Chemicals and Chemical Substances** All chemical constituents are listed in: Philippines. PICCS - Philippines Inventory of Chemicals and Chemical Substances (See chapter 3)

**China. IECSC - Inventory of Existing Chemical Substances in China** All chemical constituents are listed in: China. IECSC - Inventory of Existing Chemical Substances in China (See chapter 3)

**Taiwan. Chemical Substances Inventory (TCSI)** All chemical constituents are listed in: Taiwan. Chemical Substances Inventory (TCSI) (See chapter 3)

**USA TSCA Inventory** All chemical constituents are listed in: USA TSCA Inventory (See chapter 3)

#### SECTION 16. Other information



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#### Full text of H-Statements

- H226 Flammable liquid and vapor.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H332 Harmful if inhaled.
- H335 May cause respiratory 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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