



# Safety Data Sheet

## Coloured Ethylol

Version 1.02

Revision Date 27.07.2022

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

#### Product identifier

**Trade name** Coloured Ethylol

**Product code** 7888

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

**Use** Solvent. Raw material for washing and cleaning agents.

#### 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

<b>Classification</b>	Flammable liquids	Category 3
	Acute oral toxicity	Category 4
	Serious eye damage	Category 1
	Skin corrosion/irritation	Category 2

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Specific target organ toxicity - single exposure

Category 3

### Label elements

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

Hazard pictograms



Signal word

:

Danger

Hazard statements

:

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

### Precautionary statements

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### Prevention

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233 Keep container tightly closed.
- P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
- P240 Ground and bond container and receiving equipment.
- P264 Wash the contact area thoroughly after handling.

### 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.
- P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
- P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
- P301 + P312 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell.

### Storage

- P403 + P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.

### Disposal

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

## SECTION 3. Composition/information on ingredients

### HAZARDOUS INGREDIENTS

#### Ethanol

**Contents:** > 60.00 %W/W

**CAS-No.** 64-17-5

**Index-No.** 603-002-00-5

**EC-No.** 200-578-6

**Hazard statements** H225

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### n-Butanol

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

**CAS-No.** 71-36-3

**Index-No.** 603-004-00-6

**EC-No.** 200-751-6

**Hazard statements** *H226 H302 H335 H315 H318 H336*

### Propan-2-ol; isopropyl alcohol; isopropanol

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

**CAS-No.** 67-63-0

**Index-No.** 603-117-00-0

**EC-No.** 200-661-7

**Hazard statements** *H225 H319 H336*

### Heptane; n-Heptane

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

**CAS-No.** 142-82-5

**Index-No.** 601-008-00-2

**EC-No.** 205-563-8

**Hazard statements** *H225 H315 H304 H336 H410 H400*

### n-Octane

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

**CAS-No.** 111-65-9

**Index-No.** 601-009-00-8

**EC-No.** 203-892-1

**Hazard statements** *H225 H304 H315 H336 H400 H410*

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### SECTION 4. First aid measures

#### Description of necessary first-aid measures

<b>Inhalation</b>	Move to fresh air in case of accidental inhalation of vapours. If breathing is irregular or stopped, administer artificial respiration. In case of shortness of breath, give oxygen. Call a physician immediately.
<b>Skin contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. 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.

#### Most important symptoms/effects, acute and delayed

Refer to SECTION 11

### SECTION 5. Firefighting measures

<b>Suitable extinguishing media</b>	Water spray. Dry powder. Alcohol-resistant foam.
<b>Special hazards arising from the substance or mixture</b>	Flash back possible over considerable distance.
<b>Special protective equipment for firefighters</b>	Wear self-contained breathing apparatus and protective suit.

### SECTION 6. Accidental release measures

<b>Personal precautions</b>	Keep people away from and upwind of spill/leak. Remove all sources of ignition. Do not breathe vapours or spray mist.
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**Environmental precautions** Should not be released into the environment. Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Soak up with inert absorbent material and dispose of as hazardous waste.

**Reference to other sections** Refer to section 8 and 13

### SECTION 7. Handling and storage

**Safe handling advice** Provide sufficient air exchange and/or exhaust in work rooms. Wear personal protective equipment.

**Advice on protection against fire and explosion** Keep away from heat and sources of ignition. Use explosion-proof equipment.

**Requirements for storage areas and containers** Keep containers tightly closed in a dry, cool and well-ventilated 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
ETHYL ALCOHOL	TWA	1,900 mg/m <sup>3</sup>	1995	South Africa RELs
ETHANOL	TWA	1,000 ppm	1995	South Africa RELs
BUTAN-1-OL	STEL	150 mg/m <sup>3</sup>	1995	South Africa RELs
N-BUTYL ALCOHOL	STEL	50 ppm	1995	South Africa RELs
BUTAN-1-OL				
ISOPROPYL ALCOHOL	TWA	980 mg/m <sup>3</sup>	1995	South Africa RELs
PROPAN-2-OL	TWA	400 ppm	1995	South Africa RELs
PROPAN-2-OL	STEL	1,225 mg/m <sup>3</sup>	1995	South Africa RELs
	STEL	500 ppm	1995	South Africa RELs

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### Exposure controls

#### Engineering measures

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

#### Personal protective equipment

<b>Respiratory protection</b>	Respirator with a vapour filter (EN 141)
<b>Hand protection</b>	Gloves suitable for permanent contact: Material: butyl-rubber Break through time: 4 h Material thickness: 0.5 mm
<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
<b>State of matter</b>	Liquid; at 20 ° C; 1,013 hPa
<b>Colour</b>	Purple
<b>Odour</b>	Alcohol-like
<b>Odour Threshold</b>	No data available.
<b>pH</b>	Not applicable.
<b>Melting point/range</b>	No data available.
<b>Boiling point/boiling range</b>	78 - 116 ° C; ASTM D86
<b>Flash point</b>	18 ° C; ASTM D 93 - 85; closed cup;
<b>Evaporation rate</b>	No data available.
<b>Flammability (solid, gas)</b>	No data available.
<b>Auto-ignition temperature</b>	No data available.
<b>Decomposition</b>	No data available.
<b>Temperature</b>	
<b>Lower explosion limit</b>	No data available.

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<b>Upper explosion limit</b>	No data available.
<b>Vapour pressure</b>	No data available.
<b>Relative vapour density</b>	No data available.
<b>Density</b>	0.79 g/cm <sup>3</sup> ; 20 ° C; ASTM D4052
<b>Water solubility</b>	Partly soluble
<b>Partition coefficient: n-octanol/water</b>	No data available.
<b>Viscosity, kinematic</b>	1.48 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>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	No data available.
<b>Conditions to avoid</b>	Heat.
<b>Materials to avoid</b>	Oxidizing agents.
<b>Hazardous decomposition products</b>	No data available.

### SECTION 11. Toxicological information

<b>Skin irritation</b>	Ethanol: Rabbit: Not irritating; OECD Test Guideline 404 (literature value)
<b>Skin irritation</b>	Propan-2-ol; isopropyl alcohol; isopropanol: Rabbit: Not irritating; (literature value)
<b>Skin irritation</b>	n-Butanol: Rabbit: Irritating; OECD Test Guideline 404 GLP: no; (literature value)
<b>Eye irritation</b>	Propan-2-ol; isopropyl alcohol; isopropanol: Rabbit: Irritating (literature value)
<b>Eye irritation</b>	n-Butanol: Rabbit: Irritating GLP: no; (literature value)
<b>Sensitisation</b>	Ethanol: Maximisation Test; Guinea pig: Not sensitizing; OECD Test





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<b>Sensitisation</b>	Guideline 406; (literature value) Propan-2-ol; isopropyl alcohol; isopropanol: Buehler Test; Guinea pig: Not sensitizing; (literature value)
<b>Mutagenicity</b>	Ethanol: In vitro tests did not show mutagenic effects In vivo tests did not show mutagenic effects;
<b>Mutagenicity</b>	Propan-2-ol; isopropyl alcohol; isopropanol: In vitro tests did not show mutagenic effects In vivo tests did not show mutagenic effects;

### SECTION 12. Ecological information

<b>Toxicity to fish</b>	Ethanol: static test; <i>Leuciscus idus</i> ; 48 h; LC50; > 100 mg/l; OECD Test Guideline 203; (literature value)
<b>Toxicity to fish</b>	Propan-2-ol; isopropyl alcohol; isopropanol: static test; <i>Leuciscus idus melanotus</i> ; 48 h; LC50; > 100 mg/l; (literature value)
<b>Toxicity to fish</b>	n-Butanol: flow-through test; <i>Pimephales promelas</i> ; 96 h; LC50; 1,730 mg/l; GLP: no; (literature value)
<b>Toxicity to daphnia and other aquatic invertebrates</b>	Ethanol: static test; <i>Daphnia magna</i> (Water flea); 24 h; EC50; > 100 mg/l(literature value)
<b>Toxicity to daphnia and other aquatic invertebrates</b>	Propan-2-ol; isopropyl alcohol; isopropanol: static test; <i>Daphnia magna</i> (Water flea); 48 h; EC50; > 100 mg/l(literature value)
<b>Toxicity to algae</b>	Ethanol: static test; <i>Chlorella pyrenoidosa</i> EC50; > 100 mg/l; OECD Test Guideline 201; (literature value)
<b>Toxicity to algae</b>	Propan-2-ol; isopropyl alcohol; isopropanol: static test; <i>Scenedesmus subspicatus</i> 72 h; EC50; > 100 mg/l; (literature value)
<b>Toxicity to bacteria</b>	Ethanol: <i>Pseudomonas putida</i> ; 16 h; 6,500 mg/l; Toxicity to bacteria

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<b>Toxicity to bacteria</b>	n-Butanol: Pseudomonas putida; 17 h; EC50; 4,390 mg/l; Information taken from reference works and the literature.
<b>Biodegradability</b>	Ethanol: aerobic; > 70 %; 5 d; Readily biodegradable.; OECD Guideline 301 D; (literature value)
<b>Biodegradability</b>	Propan-2-ol; isopropyl alcohol; isopropanol: aerobic; activated sludge; 53 %; 5 d; Readily biodegradable.; (literature value)
<b>Biodegradability</b>	n-Butanol: aerobic; activated sludge of a predominantly domestic sewage; 3 mg/l; 92 %; 20 d; Readily biodegradable.; GLP: no; (literature value)
<b>Mobility in soil</b>	No data available.
<b>Results of PBT and vPvB assessment</b>	This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

### SECTION 13. Disposal considerations

<b>Product</b>	Disposal should be in accordance with 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



ADR

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UN number: 1993  
 Class: 3  
 Packaging group: III; F1;  
 Proper shipping name: FLAMMABLE LIQUID, N.O.S.  
 (Ethanol)

### RID

UN number: 1993  
 Class: 3  
 Packaging group: III; F1  
 Proper shipping name: FLAMMABLE LIQUID, N.O.S.  
 (Ethanol)

### IMDG

UN number: 1993  
 Class: 3  
 EmS: F-E, S-E  
 Packaging group: III  
 Proper shipping name: FLAMMABLE LIQUID, N.O.S.  
 (Ethanol)

### Marine pollutant

### ICAO/IATA

UN number : 1993  
 Class: 3  
 Packaging group: III  
 Proper shipping name: FLAMMABLE LIQUID, N.O.S.  
 (Ethanol)

## SECTION 15. Regulatory information

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

**Inv. of Exist. Chem. Substances in China** All chemical constituents are listed in: Inv. of Exist. Chem. Substances in China (See chapter 3)

**USA TSCA Inventory** All chemical constituents are listed in: USA TSCA Inventory

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(See chapter 3)

<b>Canadian Domestic Substances List (DSL)</b>	All chemical constituents are listed in: Canadian Domestic Substances List (DSL) (See chapter 3)
<b>Australian Inv. of Chem. Substances (AICS)</b>	All chemical constituents are listed in: Australian Inv. of Chem. Substances (AICS) (See chapter 3)
<b>New Zealand Inventory of Chemicals (NZIoC)</b>	All chemical constituents are listed in: New Zealand Inventory of Chemicals (NZIoC) (See chapter 3)
<b>Jap. Inv. of Exist. &amp; New Chemicals (ENCS)</b>	All chemical constituents are listed in: Jap. Inv. of Exist. & New Chemicals (ENCS) (See chapter 3)
<b>Japan. Industrial Safety &amp; Health Law (ISHL)</b>	All chemical constituents are listed in: Japan. Industrial Safety & Health Law (ISHL) (See chapter 3)
<b>Korea. Existing Chemicals Inventory (KECI)</b>	All chemical constituents are listed in: Korea. Existing Chemicals Inventory (KECI) (See chapter 3)
<b>Philippines Inventory of Chemicals and Chemical Substances (PICCS)</b>	All chemical constituents are listed in: Philippines Inventory of Chemicals and Chemical Substances (PICCS) (See chapter 3)
<b>China Inv. Existing Chemical Substances (IECSC)</b>	All chemical constituents are listed in: China Inv. Existing Chemical Substances (IECSC) (See chapter 3)

### SECTION 16. Other information

#### Full text of H-Statements

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.



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H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

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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