



Safety data sheet M00000146

Alcohol 96%, 1 litre

Section 1: Identification of the substance or mixture and of the company/undertaking

1.1 Product identification

ETHANOL 96% V/V + 10% IPA (932377)

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

No information is available.

1.3 Details of the supplier of the safety data sheet Supplier (producer/importer)

Maunt
Brieltjenspolder 20
4921 PJ Made
085 - 9026 600

1.4 Emergency telephone number

Nationaal Vergiftigingen Informatie Centrum NVIC - Bilthoven + 31 30 274 88 88 (Available only for an attending physician in case of accidental poisoning)

Section 2: Hazard identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP].

Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2 ; Causes severe eye irritation.
Flam. Liq. 2 ; H225 - Flammable liquids : Category 2 ; Highly flammable liquid and vapour.

2.2 Labelling elements

Labelling in accordance with Regulation (EC) No 1272/2008 [CLP].

Hazard pictograms



Flame (GHS02) Exclamation mark (GHS07)

Signal word

Danger

Hazard statements

H225 Highly flammable liquid and vapour.

H319 Causes severe eye irritation.

Safety recommendations

P210 Keep away from sparks, open flames and hot surfaces. - No smoking. P233

Keep in tightly closed container.

P240 Ground storage and collection container.

P241 Use explosion-proof electrical equipment. P242 Use spark-proof tools.

P243 Take measures to prevent static discharges. P264 Wash hands thoroughly after handling this product.

P280 Wear protective gloves and eye protection. P337+P313 If eye irritation persists: consult a doctor.

P305+P351+P338 IF ON CONTACT WITH EYES: Rinse cautiously with water for several minutes; remove contact lenses, if possible; continue rinsing.



P303+P361+P353 IF ON SKIN (or hair): remove contaminated clothing immediately. Skin rinse with water [or shower off].

P370+P378 In case of fire: extinguish with foam, powder or CO2 P403+P235

Keep in a well-ventilated place. Keep cool.

2.3 Other hazards

None.

Section 3: Composition and information on ingredients

3.2 Mixtures

Hazardous ingredients

ETHANOL ; REACH registration no. : 01-2119457610-43-0010 ; EC no. : 200-578-6; CAS no. : 64-17-5

Weight share : ≥ 50 - < 100 %

Classification 1272/2008 [CLP] : Flam. Liq. 2 ; H225 Eye Irrit. 2 ; H319

PROPAAN-2-OL ; REACH registration No: 01-2119457558-25-xxxx ; EC No : 200-661-7; CAS No : 67-63-0

Weight share : ≥ 10 - < 20 %

Classification 1272/2008 [CLP] : Flam. Liq. 2 ; H225 Eye Irrit. 2 ; H319 STOT SE 3 ; H336

Additional information

Full content of R-, H- and EUH-phrases: see section 16.

Section 4: First aid measures

4.1 Description of first aid measures

Call a doctor. If

unconscious: side position - call doctor. **General**

information

Observe safety instructions and instructions for use on the packaging. Immediately move victims out of the danger zone. Remove contaminated clothing immediately. If in doubt or if symptoms persist, consult a doctor.

After inhalation

Move victims out of danger zone. Bring person into fresh air, keep warm. In case of irregular or stopped breathing: artificial respiration. After irritation of the respiratory tract: consult doctor.

In case of skin contact

Wash with water and rinse well. Carefully rub cleaned skin with cream.

On eye contact

Remove contact lenses, keep eyelids open. Rinse generously with water (10-15 min). Call a doctor.

After swallowing

Do not induce vomiting. Drink plenty of water. Do not induce vomiting, call doctor.

4.2 Main acute and delayed symptoms and effects

No information is available.

4.3 Indication of immediate medical attention and special Treatment required

None.

Section 5: Fire-fighting measures

5.1 Fire extinguishers

Suitable extinguishing agents

Alcohol-resistant foam, carbon dioxide, powder extinguishers, water spray, foam, CO2, dry extinguishing agents, water spray, spray water.

Unsuitable extinguishing agents

Water jet.

5.2 Special hazards arising from the substance or mixture

Carbon monoxide is possible in fires.

5.3 Advice for firefighters

Special protection in firefighting

in case of fire, self-contained breathing apparatus use.

5.4 Additional information

Cool threatened containers with water in case of fire. Do not discharge extinguishing water into the sewage system.

Section 6: Measures in case of accidental release of the substance or the mixture

6.1 Personal precautions, protective equipment and emergency procedures

Ensure good ventilation.

6.2 Environmental precautions

Do not allow it to enter the sewage system. If the product contaminates lakes, rivers or the sewage system, you should remove the authorities in accordance with locally applicable rules.

6.3 Containment and cleaning methods and equipment

None.

6.4 Reference to other sections

None.

Section 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Use only in areas with adequate air extraction.

Protective measures Fire protection measures

Keep away from sources of ignition - No smoking. Tools that spark must not be used.

7.2 Conditions for safe storage, including any incompatibilities

Do not leave containers open - ground packaging. Ensure adequate ventilation. Ventilate storage area well.

Information on storage with other substances or preparations

Storage class : 3

Storage class (TRGS 510) : 3

Further information on storage conditions

Observe safety instructions and instructions for use on the packaging. Keep container tightly closed store in a cool, well-ventilated place.

7.3 Specific end use

None.



Maunt B.V. maunt.com

info@maunt.com+31 85 9026 600



Section 8: Measures to control exposure/personal protection

8.1 Control parameters

Workshop limits ETHANOL ; CAS

no. : 64-17-5

Limit value type (country of origin) : TRGS 900 (D) Limit

value : 500 ppm / 960 mg/m3

Peak limitation : 2(II)

Comment : Y Version

: 17-10-2017

PROPAAN-2-OL ; CAS No : 67-63-0

Limit value type (country of origin) : TRGS 900 (D) Limit

value : 200 ppm / 500 mg/m3

Peak limitation : 2(II) Comment : Y

Version : 17-10-2017

Biological limit

PROPAAN-2-OL ; CAS No : 67-63-0

Boundary value type (country of origin) : TRGS 903 (D)

Parameter : Acetone / Whole blood (B) / Termination of exposure or working time Limit

value : 25 mg/l

Version : 08-06-2017

Boundary value type (country of origin) : TRGS 903 (D)

Parameter : Acetone / Urine (U) / Termination of exposure or working time Limit value : 25

mg/l

Version : 08-06-2017

8.2 Exposure control measures

Provide adequate ventilation. Where possible, this should be achieved through the use of local exhaust ventilation and good room ventilation. If these are not sufficient to keep the concentration of solvent particles and vapour below the limits, suitable respiratory protection should be worn.

Personal protection

When working, do not eat and drink - do not smoke. Keep away from food, drink and animal feed With the

product soiled clothing immediately. **Eye/face**

protection Use close-fitting safety goggles.

Skin protection Hand protection

Protective gloves PVC or rubber **Body**

protection

Use skin protectants suitable for the job.

Respiratory protection

Do not inhale vapours. Ensure good ventilation.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Colour: Colourless

Odour: Alcohol

Clarity: Clear

Safety data Aggregation State: Liquid

Boiling point and boiling range: (1013 hPa) °C

Flash point: 17 °C

Density: (20 °C) 0.805 - 0.812 g/cm³

9.2 Other information

None.

Heading 10: Stability and reactivity

10.1 Reactivity

No information is available.

10.2 Chemical stability

No information is available.

10.3 Potentially dangerous reactions

No information is available.

10.4 Conditions to avoid

No information is available.

10.5 Incompatible materials

No information is available.

10.6 Hazardous decomposition products

No information is available.

Section 11: Toxicological information

11.1 Information on toxicological effects

No information is available.

Heading 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter: LC50 (ETHANOL; CAS no.: 64-17-5)

Species: Leuciscus idus (golden

bindweed) Analytical parameter: Acute (short-term)

fish toxicity Effective dose: 8140 mg/l

Exposure duration: 48h

Parameter: LC50 (PROPANE-2-OL; CAS no.: 67-63-0)

Species: Lepomis macrochirus (sunfish)

Analytical parameter: Acute (short-term) fish toxicity

Effective dose: 1400 mg/l

Exposure duration: 96h

Acute (short-term) daphnion toxicity

Parameter: EC50 (ETHANOL; CAS no.: 64-17-5)

Species: Daphnia magna (large water flea)

Analytical parameter: Acute (short-term) daphnion

toxicity Working dose: 9268 - 14221 mg/l

Exposure duration: 48h

Parameter: ECS (ETHANOL; CAS no: 64-17-5)
 Species: E. Sulcatum
 Analytical parameter: Acute (short-term) daphnient
 toxicity Working dose: 65 mg/l
 Exposure duration: 72h

Parameter: EC50 (PROPAAN-2-OL; CAS no.: 67-63-0)
 Species: Daphnia magna (large water flea)
 Analytical parameter: Acute (short-term) daphnia
 toxicity Working dose: 13299 mg/l
 Exposure duration: 48h

Parameter: EC5 (PROPAAN-2-OL; CAS No: 67-63-0)
 Species: E. Sulcatum
 Analytical parameter: Acute (short-term) daphnient
 toxicity Working dose: 4930 mg/l
 Exposure duration: 72h

Acute (short-term) algal toxicity

Parameter: EC50 (ETHANOL; CAS no.: 64-17-5)
 Species: Microcystis aeruginosa
 Analytical parameter: Acute (short-term) algal toxicity
 Effective dose: 1450 mg/l
 Exposure duration: 8 days

Parameter: IC5 (ETHANOL; CAS No: 64-17-5)
 Species: Scenedesmus quadricauda
 Analytical parameter: Acute (short-term) algal toxicity
 Effective dose: 5000 mg/l
 Exposure duration: 7 days

Parameter: IC50 (PROPANE-2-OL)
 Species: Desmodesmus subspicatus
 Analytical parameter: Acute (short-term) algal toxicity
 Effective dose: > 1000 mg/l
 Exposure duration: 72h

Bacterial toxicity

Parameter: EC5 (ETHANOL; CAS No: 64-17-5)
 Species: Oseudomonas
 putida Effective dose: 6500 mg/l
 Exposure time: 16h

Parameter: EC5 (PROPAAN-2-OL; CAS No: 67-63-0)
 Species: Pseudomonas
 putida Effective dose: 1050 mg/l
 Exposure time: 16h

12.2 Persistence and degradability

Biodegradation

Method of analysis : Biodegradation (ETHANOL ; CAS No. : 64-17-5)
 Parameter Biodegradation
 Degradation rate: 94

Method of analysis : BOD (ETHANOL ; CAS No. : 64-17-5)
Parameter : Biodegradation Degradation rate:
930 - 1670 mg/g
Time : 5 days

Method of analysis : ThZV (ETHANOL ; CAS No. : 64-17-5)
Parameter : Biodegradation Degradation rate:
2100 mg/g

Method of analysis : Biodegradation (PROPAN-2-OL ; CAS No. : 67-63-0)
Parameter : Biodegradation
Degradation rate: 95
Time : 21 days

Method of analysis : BOD (% of ThOD) (PROPAN-2-OL ; CAS No : 67-63-0)
Parameter : Biodegradation
Degradation rate: 5

Method of analysis : BOD (% of COD) (PROPAN-2-OL ; CAS no. : 67-63-0)
Parameter : Biodegradation
Degradation rate: 96 %

12.3 Bioaccumulation

No information is available.

12.4 Mobility in soil

No information is available.

12.5 Results of PBT and vPvB assessment

No information is available.

12.6 Other adverse effects

No information is available.

12.7 Additional ecotoxicological information

Toxic effect on fish and micro-organisms.

Section 13: Disposal instructions

13.1 Waste generation methods

Do not discharge into water or sewage system. Observe the local government regulations to an appropriate landfill for industrial waste.

Section 14: Information relating to transport

14.1 UN number

UN 1987

14.2 Proper shipping name according to UN model regulations

Land transport (ADR/RID)

ALCOHOLS, N.O.S. (ETHANOL ISOPROPANOL)

Transport at sea (IMDG)

ALCOHOLS, N.O.S. (ETHANOL ISOPROPANOL)

Air transport (ICAO-TI / IATA-DGR)

ALCOHOLS, N.O.S. (ETHANOL ISOPROPANOL)

14.3 Transport hazard class(es) Land

transport (ADR/RID) Class(es): 3

Classification code: F1

Hazard number (Kemler no.): 33

Tunnel restriction code: D/E

Special requirements: E 2 LQ 1 | 640D **Hazard**



label(s): **Transport in open sea (IMDG) Class(es): 3**
EmS number: F-E / S-D
Special regulations: LQ 1 | E 2 **Hazard**



label(s): **Air transport (ICAO-TI / IATA-DGR) Class(es): 3**
Special regulations:



Hazard label(s):

14.4 Packing group

II

14.5 Environmental hazards

Land transport (ADR/RID): No
Transport in open sea (IMDG): No
Air transport (ICAO-TI/IATA-DGR): No

14.6 Special precautions for user

Do not use galvanised containers. Do not use light metal containers.

14.8 Additional information

Do not contact with water. avoid humidity > 50 °C, cooling < 0 °C, humidity
Avoid heat exposure Close container airtight and protect from: heating > 50 °C. Absorb with liquid-binding material in case of spillage.

Heading 15: Regulatory affairs

15.1 Safety, health and environmental regulations and legislation specific to the substance or mixture

National regulations Water hazard class (WGK)

Class: 1 (Slightly water hazardous) Classification according to VwVwS

15.2 Chemical safety assessment

No information is available.

Heading 16: Other information

16.1 Indication of changes

02. Labelling elements

16.2 Abbreviations and acronyms

None.



16.3 Key literature references and data sources

None.

16.5 Wording of R-, H- and EUH-phrases (Number and full text)

H225 Highly flammable liquid and vapour.

H319 Causes severe eye irritation.

H336 May cause drowsiness or dizziness.

11 Highly flammable.

36 Irritating to eyes.

16.6 Training information

None.

16.7 Additional information

The information in this safety document complies with national and EC legislation. However, the conditions existing at the user under which work is performed are beyond our knowledge and control. The product may not be used for any purpose other than that specified in section I without written permission. The user is responsible for following all necessary statutory provisions responsible.

We declare to the best of our knowledge that the information contained in this safety data sheet corresponds to our state of knowledge at the time of printing. The information should include instructions for the safe handling of the product named in this safety data sheet during storage, processing, transport and disposal. The data are not transferable to other products. Insofar as the product is mixed or processed with other material, the data in this safety data sheet are not automatically transferable to the new material thus produced.
