



S a f e t y D a t a S h e e t
According to Regulation (EC) 1907/2006
and (EU) 453/2010

7002 Mixture 2-Propanol / Ethyl Acetate 89:11

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

1.1 Product identifier

Name:

Mixture 2-Propanol / Ethyl Acetate 89:11

REACH Registration Number: A registration number is not available for this substance as the substance or its use are exempted from registration according to Article 2 REACH Regulation (EC) N° 1907/2006, the annual tonnage does not require a registration, the registration is envisaged for a later registration deadline or it is a mixture.

1.2 Relevant identified uses of the substance or mixture:

For laboratory utilisation, analysis, research and fine chemistry.

1.3 Identification of the company or firm:

PANREAC QUIMICA S.L.U.

C/Garraf 2

Polígono Pla de la Bruguera

E-08211 Castellar del Vallès

(Barcelona) Spain

Tel. (+34) 937 489 400

e-mail: product.safety@panreac.com

1.4 Emergency telephone:

Single telephone number for emergency calls: 112 (EU)

Tel.: (+34) 937 489 499

2. Identification of dangers

2.1 Classification of the substance or the mixture.

Classification Regulation (CE) n° 1272/2008.

Flam. Liq. 2

Eye Irrit. 2

STOT SE 3

Classification (67/548/CEE or 1999/45/CE).

F Highly flammable
Xi Irritant

R11
R36
R67

2.2 Label elements:

Hazard Pictograms



Signal word

Danger

Hazard statements

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing dust, fume, gas, mist, vapours or spray.

P501 Dispose of contents/container according to Directive 94/62/CE or 2008/98/CE.

P264 Wash...thoroughly after handling.

For the full text of the R-phrases mentioned in this section, see section 16.

2.3 Other hazards:

No further relevant information available.

3. Composition/information on ingredients

Name: Mixture 2-Propanol / Ethyl Acetate 89:11

COMPOSITION:

0001: 2-Propanol

Formula: $\text{CH}_3\text{CHOHCH}_3$ M.= 60,10 CAS [67-63-0]

EC number (EINECS): 200-661-7

EC index number: 603-117-00-0

REACH Registration Number: 01-2119457558-25-XXXX

Content: $\geq 87\%$ $\leq 91\%$

Classification Regulation (CE) n° 1272/2008.

Flam. Liq. 2

Eye Irrit. 2

STOT SE 3

Hazard Pictograms



Signal word

Danger

Hazard statements

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary statements

P243 Take precautionary measures against static discharge.

P261 Avoid breathing dust, fume, gas, mist, vapours or spray.

P271 Use only outdoors or in a well-ventilated area.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Classification (67/548/CEE or 1999/45/CE).

F Highly flammable

Xi Irritant

R11 Highly flammable.

R36 Irritating to eyes.

R67 Vapours may cause drowsiness and dizziness.

0002: Ethyl Acetate

Formula: CH₃COOC₂H₅ M.= 88,10 CAS [141-78-6]

EC number (EINECS): 205-500-4

EC index number: 607-022-00-5

REACH Registration Number: 01-2119475103-46-XXXX

Content: >= 9 % <= 11 %

Classification Regulation (CE) nº 1272/2008.

Flam. Liq. 2

Eye Irrit. 2

STOT SE 3

Hazard Pictograms**Signal word**

Danger

Hazard statements

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

EUH066 Repeated exposure may cause skin dryness or cracking.

H336 May cause drowsiness or dizziness.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P242 Use only non-sparking tools.
P501 Dispose of contents/container according to Directive 94/62/CE or 2008/98/CE.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing dust, fume, gas, mist, vapours or spray.
P264 Wash...thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves, protective clothing, eye protection or face protection.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P337+P313 If eye irritation persists: Get medical advice/attention.
P370+P378 In case of fire: Use for extinction.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

Classification (67/548/CEE or 1999/45/CE).

F Highly flammable
Xi Irritant

R11 Highly flammable.
R36 Irritating to eyes.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

4. First aid measures

4.1 General indications:

Never provide drink or induce vomiting in the event of loss of consciousness.

4.2 Inhaling:

Take the person out into the fresh air. In the event of suffocation, proceed to provide artificial respiration.

4.3 Contact with the skin:

Wash with plenty of water. Remove contaminated clothing.

4.4 Eyes:

Wash with plenty of water (for at least 15 minutes), keeping eyelids open. Seek medical assistance.

4.5 Swallowing:

Drink large amounts of water. Do not induce vomiting. Call for medical help. Administer a solution of medical-usage active charcoal. Stomach lavage. Laxatives: sodium sulphate (1 soup-spoonful in 250 ml of water). Administer Vaseline oil as a laxative (3 ml/kg).

5. Firefighting measures

5.1 Suitable extinguishing media:

Water. Carbon dioxide (CO₂). Alcohol resistant foam. Dry powder.

5.2 Unsuitable extinguishing media:

No specific data.

5.3 Special hazards arising from the substance or mixture:

Flammable. Keep away from sources of ignition. The fumes are heavier than air, so they may spread at floor level. Risk of inflammation due to accumulation of electrostatic charges.

5.4 Advice for firefighters:

Suitable clothing and footwear.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Do not inhale the fumes. Ensure adequate ventilation.

6.2 Environmental precautions:

Avoid pollution of the soil, water supplies and drains.

6.3 Methods and material for containment and cleaning up:

Collect up with absorbent materials (Panreac General Absorbent, Kieselguhr, etc.) or, if none available, dry sand or earth, and deposit in waste containers for subsequent elimination in accordance with current legislation. Clean any remains with plenty of water.

7. Handling and storage

7.1 Precautions for safe handling:

Avoid the formation of electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities:

Well sealed containers. In well ventilated premises. Away from sources of ignition and heat.

Recommended storage temperature: Room temperature.

8. Exposure controls/personal protection

8.1 Exposure controls:

Ensure good ventilation and renewal of the air in the premises.

8.2 Control parameters:

VLA-EC(2-propanol): 500 ppm = 1.250 mg/m³ VLA-ED(2-propanol): 400 ppm = 998 mg/m³ VLA-EDethyl acetate: 400 ppm = 1.460 mg/m³

8.3 Respiratory protection:

In the event of fumes forming/aerosols, use suitable respiratory protection. Filter A. Filter P.

8.4 Hand protection:

Use suitable gloves (butyl rubber, nitrile)

Inadequate material: PVC, latex

8.5 Eye/face protection:

Use safety glasses.

8.6 Individual hygiene measures:

Remove contaminated clothing. Use suitable work clothing. Wash hands and face before breaks and when the job is done.

8.7 Environmental exposure controls:

Fulfill the commitments under local environmental protection legislation.

9. Physical and chemical properties

Appearance: Clear liquid

Colour: Colourless

Granulometry: N/A

Odour: Ethanolic.

pH:

N/A

Melting point/freezing point: N/A

Initial boiling point and boiling range:

N/A

Flash point: 10,5 °C (closed cup)

Flammability (solid, gas):

N/A

Upper/lower flammability or explosive limits:

N/A

Vapour pressure: N/A

Vapour density: N/A

Relative density:

Insertar Aquí Grupo de repetición

0,790 g/ml (20 °C)

Solubility: in () Miscible with water

Partition coefficient: n-octanol/water:

N/A

Auto-ignition temperature:

N/A

Decomposition temperature: N/A

Kinematic viscosity: N/A

Dynamic viscosity:

N/A

10. Stability and reactivity

10.1 Conditions to avoid:

High temperatures.

10.2 Incompatible materials:

Oxidant agents. Amines. Alkaline metals. Aluminium.

10.3 Hazardous decomposition products:

Carbon dioxide. Carbon monoxide.

10.4 Chemical stability:

Hygroscopic. The gases/fumes can form explosive mixtures with the air.

11. Toxicological information

11.1 Acute toxicity:

: Data not available.

11.2 Dangerous effects for health:

Conclusions are lacking regarding evaluation of a damaging effect on the foetus. If fumes inhaled: Irritations to the respiratory tracts. Through contact with the eyes: Irritations to the mucosae If swallowed: May cause: nausea headaches vertigo intoxication loss of consciousness narcosis If it is absorbed in large quantities: respiratory paralysis coma

12. Environmental information

12.1 Toxicity:

Ecotoxic data not available.

12.2 Persistence and Degradability :

Biodegradable product.

12.3 Bioaccumulative potential:

Non-bioaccumulable product.

12.4 Mobility in soil :

Adsorption not significant.

12.5 Assessment PBT and MPMB :

Data not available.

12.6 Other adverse effects:

Hardly pollutant product.

If suitable handling conditions are maintained, no ecological problems are to be anticipated.

13. Disposal considerations

13.1 Waste treatment methods:

In the European Union, there are no homogeneous standards established for elimination of chemical waste, which is waste of a special nature, and treatment and elimination of same is subject to the domestic legislation in each country.

In view of this, in each case, you should contact the competent authority or those companies legally authorized for elimination of waste.

2001/573/EC: Council Decision of 23 July 2001 amending Commission Decision 2000/532/EC as regards the list of wastes. Council Directive 91/156/EEC of 18 March 1991 amending Directive 75/442/EEC on waste.

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13.2 Contaminated containers:

Contaminated containers and packaging of dangerous substances or preparations must be treated in the same manner as the actual products contained in them. European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste.

14. Transport information

Overland (ADR):

Technical name: FLAMMABLE LIQUID, N.O.S.

UN 1993 Class: 3 Packaging group: II (D/E)

By sea (IMDG):

Technical name: FLAMMABLE LIQUID, N.O.S.

UN 1993 Class: 3 Packaging group: II

By air (ICAI-IATA):

Technical name: Flammable liquid, n.o.s.

UN 1993 Class: 3 Packaging group: II

Packaging instructions: CAO 364 PAX 353

15. Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

16. Other information

Other precautionary statements

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves, protective clothing, eye protection or face protection.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Labelling (65/548/CEE or 1999/45/CE)

R-phrase(s): **R11** Highly flammable.
R36 Irritating to eyes.
R67 Vapours may cause drowsiness and dizziness.

S-phrase(s): **S7** Keep container tightly closed.
S16 Keep away from sources of ignition - No smoking.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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The information included in this Safety Data Sheet is based on our most up-to-date knowledge, and is solely intended to inform regarding aspects of safety; the properties and characteristics indicated herein are not guaranteed.