



Safety Data Sheet

According to Regulation (EC) 1907/2006
and (EU) 453/2010

7170 Acetonitrile with 0.1% (v/v) of Trifluoroacetic Acid

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

1.1 Product identifier

Name:

Acetonitrile with 0.1% (v/v) of Trifluoroacetic Acid

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
Acute Toxicity Dermal cat. 4
Acute Toxicity Inhalation cat. 4
Acute Toxicity Oral cat. 4
Eye Irrit. 2

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

R11
R20/21/22
R36

2.2 Label elements:

Hazard Pictograms



Signal word

Danger

Hazard statements

H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
H332 Harmful if inhaled.
H312 Harmful in contact with skin.
H319 Causes serious eye irritation.

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.

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: Acetonitrile with 0.1% (v/v) of Trifluoroacetic Acid

4. First aid measures

4.1 General indications:

4.2 Inhaling:

Go out into the fresh air. In the event of suffocation, proceed immediately to provide artificial respiration. Seek immediate medical assistance.

4.3 Contact with the skin:

Wash with plenty of water. Remove contaminated clothing. Seek immediate medical assistance.

4.4 Eyes:

Wash with plenty of water, keeping eyelids open. Seek medical assistance.

4.5 Swallowing:

Drink large amounts of water. Call for medical help.

5. Firefighting measures

5.1 Suitable extinguishing media:

5.2 Unsuitable extinguishing media:

No specific data.

5.3 Special hazards arising from the substance or mixture:

5.4 Advice for firefighters:

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

6.2 Environmental precautions:

6.3 Methods and material for containment and cleaning up:

7. Handling and storage

7.1 Precautions for safe handling:

7.2 Conditions for safe storage, including any incompatibilities:

8. Exposure controls/personal protection

8.1 Exposure controls:

8.2 Control parameters:

8.3 Respiratory protection:

8.4 Hand protection:

8.5 Eye/face protection:

8.6 Individual hygiene measures:

8.7 Environmental exposure controls:

9. Physical and chemical properties

Appearance: N/A

Colour:

N/A

Granulometry: N/A

Odour: N/A

pH:

N/A

Melting point/freezing point: N/A

Initial boiling point and boiling range:

N/A

Flash point: 2 °C

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

782 g/cm³

Solubility:

N/A

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:

10.2 Incompatible materials:

10.3 Hazardous decomposition products:

10.4 Chemical stability:

11. Toxicological information

11.1 Acute toxicity:

11.2 Dangerous effects for health:

12. Environmental information

12.1 Toxicity:

12.2 Persistence and Degradability :

12.3 Bioaccumulative potential:

12.4 Mobility in soil :

12.5 Assessment PBT and MPMB :

Data not available.

12.6 Other adverse effects:

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.

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14. Transport information

Overland (ADR):

Technical name: ACETONITRILE

UN 1648 Class: 3 Packaging group: II (D/E)

By sea (IMDG):

Technical name: ACETONITRILE

UN 1648 Class: 3 Packaging group: II

By air (ICAI-IATA):

Technical name: Acetonitrile

UN 1648 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

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.

P370+P380 In case of fire: Evacuate area.

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

P243 Take precautionary measures against static discharge.

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

P264 Wash...thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

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

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

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.

P330 Rinse mouth.

P322 Specific measures (see on this label).

P337+P313 If eye irritation persists: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

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

R-phrases: **R11** Highly flammable.
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R36 Irritating to eyes.

S-phrases: **S16** Keep away from sources of ignition - No smoking.
S36/37 Wear suitable protective clothing and gloves.

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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.

