

# S a f e t y   D a t a   S h e e t

## According to Regulation (EC) 1907/2006



### 5715 Amyl Alcohol \*according to NF V 04-210

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

##### **1.1 Product identifier**

Name:

Amyl Alcohol \*according to NF V 04-210

**Synonym:**

**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](mailto: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**

Classification of the substance or the mixture.

**Classification Regulation (CE) n° 1272/2008.**

Flam. Liq. 3

Acute Tox. 4

STOT SE 3

## Hazard Pictograms



## Signal word

Warning

## Hazard statements

H226 Flammable liquid and vapour.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

EUH066 Repeated exposure may cause skin dryness or cracking.

## Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. 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.

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

Xn Harmful

R10

R20

R37

R66

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

## 3. Composition/information on ingredients

Name: Amyl Alcohol \*according to NF V 04-210

Formula:  $C_5H_{12}O$  M.= 88,15 CAS [123-51-3]

EC number (EINECS): 204-633-5

EC index number: 603-006-00-7

## 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, keeping eyelids open. Seek medical assistance.

#### **4.5 Swallowing:**

Induce vomiting. Do not administer animal carbon. Do not drink milk. Seek medical assistance. Stomach lavage.

### **5. Firefighting measures**

#### **5.1 Suitable extinguishing media:**

Water. Carbon dioxide (CO<sub>2</sub>). 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. May form explosive mixtures with the air. In the event of fire, toxic fumes may form.

#### **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:**

Do not allow it to enter the drainage system. 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:**

No special indications.

#### **7.2 Conditions for safe storage, including any incompatibilities:**

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

: Data not available.,

**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

**8.5 Eye/face protection:**

Use suitable goggles.

**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: liquid

Colour: Colourless

Granulometry: N/A

Odour: Characteristic.

pH:

N/A

Melting point/freezing point: N/A

Initial boiling point and boiling range: 130 °C

Flash point: 19 °C

Flammability (solid, gas):

N/A

Upper/lower flammability or explosive limits:

N/A

Vapour pressure: N/A

Vapour density: N/A

Relative density: (20/4) 0,813

Solubility: in ( ) Soluble in 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:**

Alkaline metals. Alkali-earth metals. Oxidant agents.

**10.3 Hazardous decomposition products:**

No specific data.

#### **10.4 Chemical stability:**

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:**

If fumes inhaled: Irritations to the respiratory tracts. Upon contact with the skin: irritations Risk of cutaneous absorption. Through contact with the eyes: Irritations to the mucosae sight disorders If it is absorbed in large quantities: Can cause effects on the central nervous system nausea headaches vertigo ataxia (motor coordination disorders)

### **12. Environmental information**

#### **12.1 Toxicity:**

##### **- EC50 test (mg/l):**

Algae (Scenedesmus) 280 mg/l

Classification:

Toxic

Crustaceans (Daphnia magna) 440 mg/l

Classification:

Highly toxic

Fish 479 mg/l

Classification:

Highly toxic

##### **- Receptor medium:**

Risk for the water environment

Medium

Risk for the land environment

Low

##### **- Observations:**

Acute ecotoxicity in line with the dumping concentration.

#### **12.2 Persistence and Degradability :**

Data not available.

#### **12.3 Bioaccumulative potential:**

Data not available.

#### **12.4 Mobility in soil :**

Data not available.

#### **12.5 Assessment PBT and MPMB :**

Data not available.

#### **12.6 Other adverse effects:**

Product hardly pollutant for water.

Do not allow it to enter soils or water channels.

### **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: PENTANOLS

UN 1105 Class: 3 Packaging group: II (D/E)

By sea (IMDG):

Technical name: PENTANOLS

UN 1105 Class: 3 Packaging group: II

By air (ICAI-IATA):

Technical name: Pentanol

UN 1105 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**

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.

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.

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

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.

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

R-phrases(s):   **R10** Flammable.  
                          **R20** Harmful by inhalation.  
                          **R37** Irritating to respiratory system.  
                          **R66** Repeated exposure may cause skin dryness  
                                  or cracking.

S-phrases(s):    **S46** If swallowed, seek medical advice  
                                  immediately and show this container or label.

Version and revision date : 5 18.3.2013

Replaced: 23.8.2011

In respect of the previous review, changes have been made to the following  
sections: 3

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.