

Safety Data Sheet  
According to Regulation (EU) 830/2015

1081 **Benzyl Alcohol**

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

**1.1 Product identifier**

Name:

Benzyl Alcohol

**Synonym:**

a -Hydroxytoluene, Benzenemethanol, Phenylcarbinol

**REACH Registration Number:** 01-2119492630-38-XXXX

**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

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(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)

**2. Identification of dangers**

**2.1 Classification of the substance or the mixture.**

Acute Tox. 4

Acute Tox. 4

**2.2 Label elements:**

**Hazard Pictograms**



## Signal word

### Hazard statements

H332 Harmful if inhaled.

H302 Harmful if swallowed.

### Precautionary statements

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.

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

## 2.3 Other hazards:

No further relevant information available.

## 3. Composition/information on ingredients

### 3.1 Substances

Name: Benzyl Alcohol

Formula: C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>OH M.= 108,14 CAS [100-51-6]

EC number (EINECS): 202-859-9

EC index number: 603-057-00-5

REACH Registration Number: 01-2119492630-38-XXXX

### 3.2 Mixtures

## 4. First aid measures

### 4.1 Description of first aid measures

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

### 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

#### Swallowing:

Induce vomiting. Risk of aspiration. Call for medical help. Stomach lavage.

#### Inhaling:

Take the person out into the fresh air.

#### Contact with the skin:

Wash with plenty of water. Remove contaminated clothing.

**Eyes:**

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

**5. Firefighting measures****5.1 Extinguishing media:**

Alcohol resistant foam. Dry powder.

**5.2 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. Auf Rückzündung achten In the event of fire, toxic fumes may form.

**5.3 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.

**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.

**6.4 Reference to other sections**

Not applicable

**7. Handling and storage****7.1 Precautions for safe handling:**

Avoid the formation of electrostatic charges. Packaged under nitrogen atmosphere.

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

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

**7.3 Specific end use(s)**

No more relevant data available

**8. Exposure controls/personal protection****8.1 Control parameters:**

Data not available.

**8.2 Exposure controls**

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

Respiratory protection:

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

Hand protection:

Use suitable gloves neopren PVC

Eye/face protection:

Use safety glasses.

Individual hygiene measures:

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

Environmental exposure controls:

Fulfill the commitments under local environmental protection legislation.

## **9. Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

Appearance: liquid

Colour: Colourless

Granulometry: N/A

Odour: Characteristic.

pH:

N/A

Melting point/freezing point: -15,2 °C

Initial boiling point and boiling range: 204,7 °C

Flash point: 94 °C

Flammability (solid, gas):

N/A

Upper/lower flammability or explosive limits: 13 %(V) / 1,3 %(V)

Vapour pressure: 0,13 hPa (20 °C)

Vapour density: N/A

Relative density: (20/4) 1,0453 g/ml

Solubility: 40 g/l in water (20 °C)

Partition coefficient: n-octanol/water:

N/A

Auto-ignition temperature: 435 °C

Decomposition temperature: N/A

Kinematic viscosity: N/A

Dynamic viscosity:

N/A

### **9.2 Other information**

No more relevant data available

## **10. Stability and reactivity**

### **10.1 Reactivity**

No specific data.

### **10.2 Chemical stability:**

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

### **10.3 Possibility of hazardous reactions**

No specific data.

#### **10.4 Conditions to avoid:**

The product is chemically stable under standar ambient conditions (room temperature).

#### **10.5 Incompatible materials:**

Oxidant agents. Non-metal halides. Concentrated sulfuric acid. Polymerization initiators.

#### **10.6 Hazardous decomposition products:**

No specific data.

### **11. Toxicological information**

#### **11.1 Information on toxicological effects**

Acute toxicity:

LD50 oral rat : 1.230 mg/kg

LD50 skn rbt : 2.000 mg/kg

LC L0 inh rat : 2000 ppm 4h

LD50 ipr mus : 650 mg/kg

Dangerous effects for health:

If fumes inhaled: Irritations to the respiratory tracts. Upon contact with the skin: irritations Through contact with the eyes: irritations Due to absorpction: effects on the central nervous system Other dangerous characteristics are not discarded. Take the usual precautions for handling chemical products.

### **12. Environmental information**

#### **12.1 Toxicity:**

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

Bacteria (Photobacterium phosphoreum) 63,7 mg/l

Classification:

Extr. toxic

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

Risk for the water environment

Medium

Risk for the land environment

Medium

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

Acute ecotoxicity in the dumping area.

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

##### **- Test:**

##### **- Biotic degradation classification:**

BOD5/COD

Biodegradability

##### **- Abiotic degradation depending on pH:**

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

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

##### **- Test:**

##### **- Bioaccumulation:**

Risk

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

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

Data not available.

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

Data not available.

## **12.6 Other adverse effects:**

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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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**

### **14.1 UN number**

Not applicable

### **14.2 UN proper shipping name**

Not applicable

### **14.3 Transport hazard class(es)**

Not applicable

### **14.4 Packing group**

Not applicable

### **14.5 Environmental hazards**

Not applicable

### **14.6 Special precautions for user**

Not applicable

### **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable

## **15. Regulatory information**

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

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

### **15.2 Chemical safety assessment**

Not applicable

## **16. Other information**

### **Other precautionary statements**

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.

P330 Rinse mouth.

Version and revision date : 5 07.10.2017

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In respect of the previous review, changes have been made to the following sections: 1,2,4,5,6,7,8,9,10,11,13,14,15

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.