



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

### 1050 Pyrogallic Acid

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

##### 1.1 Product identifier

Name:

Pyrogallic Acid

##### Synonym:

1,2,3-Benzenetriol, 1,2,3-Trihydroxibenzene, Pyrogallol

**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)

#### 2. Identification of dangers

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

Acute Tox. 4

Acute Tox. 4

Acute Tox. 4

Muta. 2

Aquatic Chronic 3

## 2.2 Label elements:

### Hazard Pictograms



### Signal word

#### Hazard statements

H332 Harmful if inhaled.

H312 Harmful in contact with skin.

H302 Harmful if swallowed.

H341 Suspected of causing genetic defects.

H412 Harmful to aquatic life with long lasting effects.

#### Precautionary statements

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

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.

## 2.3 Other hazards:

No further relevant information available.

## 3. Composition/information on ingredients

### 3.1 Substances

Name: Pyrogalllic Acid

Formula:  $C_6H_3(OH)_3$  M.= 126,11 CAS [87-66-1]

EC number (EINECS): 201-762-9

EC index number: 604-009-00-6

### 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:**

Drink large amounts of water. Induce vomiting. Call for medical help.

#### **Inhaling:**

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

#### **Contact with the skin:**

Wash with plenty of water. Remove contaminated clothing.

#### **Eyes:**

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

## **5. Firefighting measures**

### **5.1 Extinguishing media:**

Water. Carbon dioxide (CO<sub>2</sub>). Alcohol resistant foam. Dry powder.

### **5.2 Special hazards arising from the substance or mixture:**

Flammable. Keep away from sources of ignition. 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 dust.

### **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 dry 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:**

Light-sensitive.

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

Well sealed containers. Away from light.

**Recommended storage temperature:** Room temperature.

### **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**

No special indications.

Respiratory protection:

If dust forms, use suitable respiratory protection.

Hand protection:

Use suitable gloves

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: solid

Colour: White

Granulometry: N/A

Odour: Characteristic.

pH: 4 - 5 ((50 g/l))

Melting point/freezing point: 134 °C

Initial boiling point and boiling range: 309 °C

Flash point:

N/A

Flammability (solid, gas):

N/A

Upper/lower flammability or explosive limits: / 1,4 %(V)

Vapour pressure: 13,3 hPa (168 °C)

Vapour density: N/A

Relative density: 1,45 g/ml

Solubility: 440 g/l in water ( 13 °C )

Partition coefficient: n-octanol/water:

N/A

Auto-ignition temperature:

N/A

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:**

No specific data.

## **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:**

No specific data.

## **10.6 Hazardous decomposition products:**

No specific data.

## **11. Toxicological information**

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

Acute toxicity:

LD L0 oral man : 28 mg/kg

LD L0 oral hmn : 28 mg/kg

LD50 oral rbt : 1.600 mg/kg

LD50 oral mus : 300 mg/kg

LD50 ipr mus : 400 mg/kg

Dangerous effects for health:

If inhaled: Irritations to the mucosae coughing breathing difficulties Upon contact with the skin: irritations Risk of cutaneous absorption. Through contact with the eyes: irritations If swallowed: diarrhoea vomiting Due to absorption: blood alterations collapse breathing difficulties spasms metahemoglobinemia with headaches Chronic effects hepatic problems kidney problems If it is absorbed in large quantities: death Other dangerous characteristics are not discarded. Take the usual precautions for handling chemical products.

## **12. Environmental information**

### **12.1 Toxicity:**

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

- **Receptor medium:**

Risk for the water environment

Risk for the land environment

- **Observations:**

Ecotoxic data not available.

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

- **Test:**

- **Biotic degradation classification:**

BOD5/COD

Biodegradability

- **Abiotic degradation depending on pH:**

- **Observations:**

Data not available.

### **12.3 Bioaccumulative potential:**

- **Test:**

- **Bioaccumulation:**

Risk

- **Observations:**

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:**

Dangerous for drinking 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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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**

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

P273 Avoid release to the environment.

P281 Use personal protective equipment as required.

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.

P308+P313 IF exposed or concerned: Get medical advice/attention.

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

P322 Specific measures (see on this label).

P330 Rinse mouth.

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

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

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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.