



## Safety Data Sheet According to Regulation (EC) 1907/2006

### 2838 5-Sulphosalicylic Acid 2-hydrate

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

##### 1.1 Product identifier

Name:

5-Sulphosalicylic Acid 2-hydrate

##### Synonym:

2-Hydroxy-5-Sulphobenzoic acid, 2-Hydroxybenzoic-5-Sulphonic acid

**CAS:** [5965-83-3]

**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

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

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

Eye Irrit. 2

Skin Irrit. 2

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

**Xi** Irritant

R36/38

## **2.2 Label elements:**

### **Hazard Pictograms**



### **Signal word**

Warning

### **Hazard statements**

H319 Causes serious eye irritation.

H315 Causes skin irritation.

### **Precautionary statements**

P264 Wash...thoroughly after handling.

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

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P321 Specific treatment (see on this label).

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: 5-Sulphosalicylic Acid 2-hydrate

Formula:  $C_7H_6O_6S \cdot 2H_2O$  M.= 254,22 CAS [5965-83-3]

EC number (EINECS): 202-555-6

## **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.

#### **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. In the event of irritation, seek medical assistance.

#### **4.5 Swallowing:**

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

### **5. Firefighting measures**

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

Water. Alcohol resistant foam.

#### **5.2 Unsuitable extinguishing media:**

No specific data.

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

Combustible. Keep away from sources of ignition. 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:**

No special indications.

#### **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.

### **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. Dry atmosphere.

**Recommended storage temperature:** Room temperature.

### **8. Exposure controls/personal protection**

#### **8.1 Exposure controls:**

No special indications.

## **8.2 Control parameters:**

### **8.3 Respiratory protection:**

If dust forms, use suitable respiratory protection.

### **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 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: solid

Colour: White

Granulometry: N/A

Odour: Characteristic.

pH: <0,5 ((200g/l))

Melting point/freezing point: 110 °C

Initial boiling point and boiling range:

N/A

Flash point: ~ 150 °C

Flammability (solid, gas):

N/A

Upper/lower flammability or explosive limits:

N/A

Vapour pressure: N/A

Vapour density: N/A

Relative density:

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0,8 g/ml

Solubility: 2.500 g/l in ( )in water at 20°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

## **10. Stability and reactivity**

### **10.1 Conditions to avoid:**

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

## **10.2 Incompatible materials:**

No specific data.

## **10.3 Hazardous decomposition products:**

Toxic gases.

## **10.4 Chemical stability:**

No specific data.

# **11. Toxicological information**

## **11.1 Acute toxicity:**

: Data not available.

## **11.2 Dangerous effects for health:**

The data we have are insufficient for correct toxicological assessment. Based on the physico-chemical properties, the likely dangerous characteristics are: If dust inhaled: coughing breathing difficulties Irritations to the respiratory tracts. Upon contact with the skin: burns Through contact with the eyes: burns If swallowed: Irritations of the mucosae in the mouth, throat, oesophagus and intestinal tract. 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:**

The ecotoxicity is due to the pH deviation.

Low chronic ecotoxicity.

## **12.2 Persistence and Degradability :**

- **Test:**

- **Biotic degradation classification:**

BOD5/COD

Biodegradability

- **Abiotic degradation depending on pH:**

- **Observations:**

Biodegradable product.

## **12.3 Bioaccumulative potential:**

- **Test:**

- **Bioaccumulation:**

Risk

- **Observations:**

Non-bioaccumulable product.

## **12.4 Mobility in soil :**

Data not available.

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

Data not available.

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

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.

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## **14. Transport information**

Overland (ADR):

Technical name: ALKYL SULPHONIC ACIDS, SOLID or ARYL SULPHONIC ACIDS, SOLID

UN 2585    Class: 8    CONTAM. MAR    Packaging group: III (E)

By sea (IMDG):

Technical name: ALKYL SULPHONIC ACIDS, SOLID or ARYL SULPHONIC ACIDS, SOLID

UN 2585    Class: 8    CONTAM. MAR    Packaging group: III

By air (ICAO-IATA):

Technical name: Arylsulphonic acids, solid

UN 2585    Class: 8    CONTAM. MAR    Packaging group: III

Packaging instructions:    CAO 864    PAX 860

## **15. Regulatory information**

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

## **16. Other information**

### **Other precautionary statements**

P332+P313 If skin irritation occurs: Get medical advice/attention.

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

P362 Take off contaminated clothing and wash before reuse.

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

R-phrases(s):     **R36/38** Irritating to eyes and skin.

S-phrases(s):     **S26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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In respect of the previous review, changes have been made to the following sections: 14

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.