



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

### 2825 2,6-Di-tert-Butyl-4-Methylphenol

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

##### 1.1 Product identifier

Name:

2,6-Di-tert-Butyl-4-Methylphenol

##### Synonym:

2,6-Di-tert-Butyl-p-Cresol, 3,5-Di-tert-Butyl-4-Hydroxytoluene, BHT, Butyl Hydroxytoluene, DBPC, Ionol

**REACH Registration Number:** 01-2119480433-40-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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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.

Aquatic Chronic 1

##### 2.2 Label elements:

##### Hazard Pictograms



## **Signal word**

### **Hazard statements**

H410 Very toxic to aquatic life with long lasting effects.

### **Precautionary statements**

P273 Avoid release to the environment.

P391 Collect spillage.

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: 2,6-Di-tert-Butyl-4-Methylphenol

Formula: C<sub>15</sub>H<sub>24</sub>O M.= 220,35 CAS [128-37-0]

EC number (EINECS): 204-881-4

REACH Registration Number: 01-2119480433-40-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:**

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

#### **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 (for at least 15 minutes), keeping eyelids open. Seek medical assistance.

## **5. Firefighting measures**

**5.1 Extinguishing media:**

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

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

Combustible. Keep away from sources of ignition.

**5.3 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:**

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.

**6.4 Reference to other sections**

Not applicable

**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.

**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 for particles P3.

Hand protection:

Use suitable gloves nitrile

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:

N/A

Melting point/freezing point: 70 °C

Initial boiling point and boiling range: 265 °C

Flash point: 127 °C

Flammability (solid, gas):

N/A

Upper/lower flammability or explosive limits:

N/A

Vapour pressure: 19 hPa (141 °C)

Vapour density: N/A

Relative density: 1,048 g/ml

Solubility: in ( ) Insoluble in water. Soluble in alcohol and acetone.

Partition coefficient: n-octanol/water:

N/A

Auto-ignition temperature: 345 °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:**

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 rbt : 2.100 mg/kg

LD50 oral rat : 890 mg/kg

LD50 ipr mus : 138 mg/kg

Dangerous effects for health:

Upon contact with the skin: irritations Through contact with the eyes: irritations

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) 8,57 mg/l

Classification:

Extr. toxic

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

Risk for the water environment

Medium

Risk for the land environment

Low

#### **- Observations:**

### **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:**

Product hardly pollutant for water.

Environmental risks cannot be excluded if used and/or disposed of inappropriately.

## **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**

UN3077

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

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

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

9

### **14.4 Packing group**

ADR/IMDG: III

IATA: III

### **14.5 Environmental hazards**

### **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**

Version and revision date : 8 07.06.2018

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In respect of the previous review, changes have been made to the following sections: 2

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.