

Safety Data Sheet

According to Regulation (EC) 1907/2006



4233 2-tert-Butyl-4-Methoxyphenol

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

1.1 Product identifier

Name:

2-tert-Butyl-4-Methoxyphenol

Synonym:

3-tert-Butyl-4-Hydroxyanisol, BHA, Butyl Hydroxyanisol

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:

Food industry.

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

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.

Eye Dam. 1

Aquatic Chronic 2

Hazard Pictograms



Signal word

Danger

Hazard statements

H318 Causes serious eye damage.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

P273 Avoid release to the environment.

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

Xi Irritant

R41

N Dangerous for the environment

R51/53

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

3. Composition/information on ingredients

Name: 2-tert-Butyl-4-Methoxyphenol

Formula: C₁₁H₁₆O₂ M.= 180,25 CAS [25013-16-5]

EC number (EINECS): 246-563-8

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, keeping eyelids open.

4.5 Swallowing:

Wash mouth out immediately. Drink large amounts of water. Avoid vomiting. In the event of sickness, seek medical assistance.

5. Firefighting measures

5.1 Suitable extinguishing media:

Foam. Dry powder. Carbon dioxide (CO₂). Atomized water.

5.2 Unsuitable extinguishing media:

Running water.

5.3 Special hazards arising from the substance or mixture:

Combustible. In the event of fire, toxic fumes may form.

5.4 Advice for firefighters:

Suitable clothing and footwear. Self-contained breathing equipment.

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. Clean any remains with plenty of water.

7. Handling and storage

7.1 Precautions for safe handling:

Avoid contact with the skin, eyes or clothing.

7.2 Conditions for safe storage, including any incompatibilities:

Well sealed containers. Away from light. In a cool place.

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:

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. 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:

N/A

Melting point/freezing point: 50 °C

Initial boiling point and boiling range: 236 °C

Flash point: 130 °C

Flammability (solid, gas):

N/A

Upper/lower flammability or explosive limits:

N/A

Vapour pressure: N/A

Vapour density: N/A

Relative density:

N/A

Solubility: in () Insoluble 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:

Risk of explosion of dust.

10.2 Incompatible materials:

No specific data.

10.3 Hazardous decomposition products:

No specific data.

10.4 Chemical stability:

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

11. Toxicological information

11.1 Acute toxicity:

LD50 oral rat : 2.000 mg/kg

11.2 Dangerous effects for health:

If dust inhaled: Irritations to the respiratory tracts. If swallowed: Irritations of the mucosae in the mouth, throat, oesophagus and intestinal tract. Following prolonged contact with the product. sensitization allergic reaction Other dangerous characteristics are not discarded. Take the usual precautions for handling chemical products.

12. Environmental information

12.1 Toxicity:

Algae EC50 7 mg/l (72h)

Fish LC50 4,8 mg/l (96h)

Crustaceans (Daphnia magna) CE0 2,56 mg/l (48h)

Major ecotoxic effect in water environments.

12.2 Persistence and Degradability :

Non-biodegradable product.

12.3 Bioaccumulative potential:

Bioaccumulable product.

12.4 Mobility in soil :

Product has a low potential for adsorption.

log Pow = 3,5

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

UN 3077 Class: 9 CONTAM. MAR Packaging group: III (E)

By sea (IMDG):

Technical name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

UN 3077 Class: 9 CONTAM. MAR Packaging group: III

By air (ICAI-IATA):

Technical name: Environmentally hazardous substance, solid, n.o.s

UN 3077 Class: 9 CONTAM. MAR Packaging group: III

Packaging instructions: CAO 956 PAX 956

15. Regulatory information

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

16. Other information

Other precautionary statements

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

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|--------------|--|
| R-phrase(s): | R41 Risk of serious damage to eyes.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| S-phrase(s): | S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39 Wear eye/face protection.
S61 Avoid release to the environment. Refer to special instructions/safety data sheets. |

Version and revision date : 4 20.5.2013

Remplaced: 3.11.2010

In respect of the previous review, changes have been made to the following sections: 2, 3, 12, 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.