



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : B42017
Product Name : BUTYLATED HYDROXY TOLUENE (BHT)

Manufacturer / supplier identification

Company : NICE CHEMICALS PVT.LTD. , Cochin , India
Tel - 0484 2800212 , 2802755

Contact for Information: Tel . No. – 0484 2802536 Fax : 0484 2802483
Emergency Telephone No. : 0484 2801583 Tele fax No. : 0484 2802483

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS-No : 128-37-0
EC –No. : 204-881-4
Molar mass : 220.36

3. HAZARDS IDENTIFICATION

According to the evaluative data available, a classification according to categories of danger as specified in Directive 67/548/EEC and laid down in the legislation of the country concerned is not required.



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4. FIRST AID MEASURES

After skin contact : wash off under running water.
After eye contact : Rinse out with plenty of water. If pain persists, summon eye specialist.
After inhalation : fresh air.
After swallowing : make the victim drink plenty of water , induce vomiting.
Consult doctor if feeling unwell.

5. FIRE – FIGHTING MEASURES

Suitable extinguishing media : spray water, foam, powder. Fire extinguisher : powder for glowing fire, carbon dioxide.

Special risks : Combustible. Development of hazardous combustion gases or vapours possible in the event of fire.

Special protective equipment for fire fighting : Do not stay in the dangerous zone without self contaminated breathing apparatus.

Other information : Prevent fire-fighting water from entering surface water or ground water.

6. ACCIDENTAL RELEASE MEASURES

Person-related precautionary measures : avoid generation of dusts; do not inhale dusts. Ensure supply of fresh air in enclosed rooms.



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Environmental-protection measures : do not allow to enter sewerage system.

Procedures for cleaning/absorption : Take up dry. Forward for disposal. Clean up affected area.
Avoid generation of dusts.

7. HANDLING AND STORAGE

Handling : No further requirements.

Storage : Below +30⁰C. Tightly closed. No further requirements.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection : required when dusts are generated.

Eye protection : required

Hand protection : required

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of protective clothing to chemicals should be ascertained with the respective supplier.

Industrial hygiene : Immediately change contaminated clothing. Application of skin protective barrier cream recommended. Wash hands and face after working with substance.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	crystals
Colour	:	white
Odour	:	almost odourless
PH value	:	Not available
Melting temperature	:	69-70 ⁰ C
Boiling temperature	:	265 ⁰ C
Ignition temperature	:	345 ° C
Flash point	:	127 ⁰ C
Explosion limits	Lower:	Not available
	Upper:	Not available
Vapour pressure (20 ⁰ C)	:	0.02 hPa
	(100 ⁰ C)	: 2.4 hPa
Relative vapour density	:	Not available
Density	:	Not available
Bulk density	:	450 Kg/m ³
Solubility in water(20 ⁰ C)	:	Insoluble
	Ethanol (20 ⁰ C) :	330 g/l
	Acetone (20 ⁰ C):	Soluble

10. STABILITY AND REACTIVITY

<i>Conditions to be avoided</i>	:	No information available
<i>Substance to be avoided</i>	:	No information available
<i>Hazardous decomposition products</i>	:	No information available.



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11. TOXICOLOGICAL INFORMATION

Acute toxicity : LD50 (oral, rat) : > 2000 mg/g

Further toxicological information:

After skin contact : slight irritations.

After eye contact : slight irritations.

Further data: Further hazardous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals.

12. ECOLOGICAL INFORMATION

Ecotoxic effects : fish toxicity : Br.rerio LC₀: > 0.5 mg/l / 96 h

Daphnia toxicity : daphnia magna EC₀: > 0.3 mg/l / 48 h

Algae toxicity : scenedesmus subspicatus EC₅₀: > 0.4 mg/l /72 h

Further ecological data : No ecological problems are to be expected when the product is handled and used with due care and attention.

13. DISPOSAL METHOD

Product

There are no uniform EC Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC Member countries through that you corresponding laws and regulations. We recommend contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.



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Packaging

Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

14. TRANSPORT INFORMATION : No subject to transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

Symbol: -----

R-phrases: -----

S-phrases: -----

Water pollution class : 1 (slightly polluting substance)

16. OTHER INFORMATION

Reason for alteration

Change in the chapter on toxicology.

Addition in the chapter ecology.

General update.

The information contained here in is based on the present state of our knowledge.

It characterizes the product with regard to the appropriate safety precautions.

It does not represent a guarantee of the properties of the product.