



# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : B 75609  
Product Name : BROMOTHYMOL BLUE POWDER A.R.

### Manufacturer/supplier identification

Company : NICE Chemicals (P) 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

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : 3.3-Dibromothymolsulfonphthalein BTB  
CAS-No : 76-59-5  
Ec-Index No. :  
Molar Mass : 624.40  
EC-No. : 200-971-2  
Molecular Formula :  $C_{27}H_{28}Br_2O_5S$

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## 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 with water.

After eye contact : Rinse out with plenty of water with the eyelid held wide open.

After inhalation : Fresh air.

After swallowing : Make victim drink plenty of water induce vomiting,  
summon Doctor, if feeling unwell.

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### **5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media : In adaption to materials stored in the immediate  
neighbourhood.

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

The following may develop in event of fire : Sulphur Dioxides,  
Hydrogen bromide, Bromine.

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### **6. ACCIDENTAL RELEASE MEASURES**

Take up dry. Forward for disposal. Clean up affected area.

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### **7. HANDLING AND STORAGE**

Handling : No further requirements.

Storage : Tightly closed. Dry at room temperature.

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### 8. EXPOSURE CONTROLS/ 7PERSONAL PROTECTION

Respiratory protection : Required when dusts are generated.  
Eye Protection : Required  
Hand Protection : Required  
Industrial hygiene : Change contaminated clothing.  
Wash hands after working with substance.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Solid  
Colour : Violet  
Odour : Weakly of Acetic acid  
pH value : Not available  
Melting temperature : Not available  
Boiling temperature : Not available  
Ignition temperature : Not available  
Flash Point : Not available  
Explosion limit lower : Not available  
upper : Not available  
Relative vapour density : Not available  
Density : Not available  
Bulk density : near 450 Kg/m<sup>3</sup>  
Solubility in Water (20 ° C) : Insoluble  
Ethanol (20 ° C) : Near 10 gm/lt.

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### **10. STABILITY & REACTIVITY**

Conditions to be avoided : No information available

Substances to be avoided : No information available

Hazardous decomposition products : No information available.

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### **11. TOXICOLOGICAL INFORMATION**

Quantitative data on the toxicity of this product are are not available.

Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately. The product should be handled with the care usual when dealing with chemicals.

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### **12. ECOLOGICAL INFORMATION**

A harmful effect on aquatic organisms cannot be excluded in the event of improper handling or disposal.

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### **13. DISPOSAL METHOD**

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 corresponding laws and regulations. We recommend that you 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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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.

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**14. TRANSPORT INFORMATION** : Not subject to transport regulations.

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### **15. REGULATORY INFORMATION**

Labelling according to EC Directives

Symbol : ---

R-phrases : ---

S-phrases : ---

Water pollution class : 1 (slightly polluting substance)  
(own classification)

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### **16. OTHER INFORMATION**

Reason for alteration

The information contained herein is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

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