

Material Safety Data Sheet BROMOTHYMOL BLUE

IMPORTANT: Read this MSDS before handling and disposing of this product and pass this information on to employees, customers and users of this product. The contents and format of this MSDS are in accordance with EC Commission Directive 91/155EEC.

- 2. Composition**
Aqueous solution of Bromothymol Blue
- 3. Hazards Identification**
- | | |
|-------------------------|-----------------------------------------------------------------------------|
| Health Hazard | Harmful if ingested in quantity
May be harmful by inhalation |
| Fire & Explosion Hazard | Irritating to eyes and may irritate skin.
May evolve toxic fumes in fire |
- 4. First Aid Measures**
- Eye Contact
 - Irrigate eyes thoroughly with water for at least 10 minutes. Get medical attention if any discomfort continues
 - Inhalation
 - Remove from exposure, rest and keep warm. In sever cases obtain medical attention
 - Skin Contact
 - Wash off skin thoroughly with water. Remove contaminated clothing and wash before re-use. In sever cases obtain medical attention
 - Ingestion
 - Wash out mouth thoroughly with water and give plenty of water to drink. Obtain medical attention
- 5. Fire Fighting Measures**
Not applicable
- 6. Accidental Release Measures**
Precautions
Wear appropriate protective clothing
If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise transfer to container and arrange removal by disposal company. Wash site of spillage thoroughly with detergent and water.
For large spillage's liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated aswell
For small spillage's - If material has entered surface drains it may be necessary to inform local authorities, including fire services if flammable.
- 7. Handling and Storage**
Special Requirements Avoid use of lead or copper in drainage systems.
- 8. Protective Measures**
As appropriate to quantities handled
- | | |
|-------------------|--------------------------------------------------------------|
| Respirator | Self-contained breathing apparatus |
| Ventilation | Fume Cupboard |
| Protective Gloves | Plastic or rubber |
| Eye Protection | Wear approved safety goggles or face shield |
| Other Protection | Plastic apron, sleeves, boots - if handling large quantities |
- 9. Physical and Chemical Properties**
- | | |
|--------------------------------|----------------------------|
| Appearance | n/a |
| Solubility Description | Miscible in all properties |
| Flash Point | n/a |
| Boiling Point | n/a |
| Auto Ignition Temperature (°C) | n/a |
| Melting Point(°C) | n/a |
- 10. Stability and Reactivity**
- | | |
|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Stability | Stable |
| Reaction with Water | None |
| Other Known Hazards - Can form explosive compounds in prolonged contact with copper or lead, e.g. drainage pipes. | |
| Avoid Contact With - Water | (no) Acids (no) Bases (no) Oxidisers (no) Combustibles (no) |
- 11. Toxicological information**
- | | |
|-------------------------------|-------------------------------------------------|
| Toxicity | No data |
| Carcinogenicity | No evidence of carcinogenic properties |
| Mutagenicity / Teratogenicity | No evidence of mutagenic or teratogenic effects |
| Exposure Limits | Not assigned |
- 12. Ecological Information**
No hazard expected if handled and disposed of with due care.
- 13. Disposal Considerations**
Disposal Methods
Drain into sewer with ample water or dispose of at an approved land disposal site in accordance with local authority requirements.
- 14. Transportation Information**
- | | |
|------|----|
| U.N | NR |
| IMDG | NR |
- 15. Regulatory Information**
N/A

16. Other Information

All information, recommendations and suggestions herein concerning the above product are based upon data believed to be reliable, however, it is the users responsibility to determine the safety, toxicity, and suitability for his/her own use of the product described herein. The information herein should not be construed as being absolutely complete since additional information may be necessary or desirable when special or exceptional circumstances exist or because of applicable laws or regulations.

Disclaimer

The preceding is given in good faith as required under the health and safety at work act 1974, but no warranty is implied or given. The information provided is designed to enable the user to use the product safely. If the information is insufficient to ensure safety in any particular application, contact "the supplier" for further advice before proceeding.

Refer Scientific
Hareburn Terrace
Blackdog
Aberdeen
UK
AB23 8BE

Rev Date 01.08.07