

Material Safety Data Sheet BORIC ACID SOLUTION

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.

1. **Identification**
 Chemical Description 2% aqueous solution of Boric Acid

2. **Hazards Identification**
 May be harmful if digested in quantity. May be irritating to eyes and skin

4. **First Aid Measures**
 - Eye Contact
 - Irrigate thoroughly with water for at least 10 minutes. If discomfort persists obtain medical attention.
 - Inhalation
 - Remove from exposure.
 - Skin Contact
 - Wash off skin thoroughly with soap and water
 - Ingestion
 - Wash out mouth thoroughly with water. In severe cases obtain medical attention.

5. **Fire Fighting Measures**
 Extinguishing Media – Not applicable

6. **Accidental Release Measures**
 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 liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residue should be treated as for small spillage. If material has entered surface drains it may be necessary to inform local authorities, including fire service if flammable.

7. **Handling and Storage**
 No special requirements

8. **Exposure controls / Personal Protection (as appropriate to quantities handled)**

Protective Equipment	Goggles or face-shield, Rubber or plastic gloves, plastic apron, sleeves and boots if handling large quantities
Respiratory Protection	Not applicable
Ventilation	Not applicable

9. **Physical and Chemical Properties**

Ignition Temperature	N/A
Colour	Colourless
Melting Point	N/A
Boiling Point	N/A
Flash Point	N/A
Solubility in Water (% weight)	Miscible in all proportions

10. **Stability and Reactivity**

Stability	Stable
Substances to be Avoided	No data

11. **Toxicological information**

Toxicity	No data
Carcinogenicity	No evidence of carcinogenic properties
Mutagenicity	No evidence of mutagenic or teratogenic effects
Exposure limits	Not assigned (long-term, 8-hour TWA)

12. **Disposal Considerations**
 Dispose of in accordance local authority requirements or pass to a chemical disposal company.

13. **Transportation Information**

Hazard class	N/A
UN No	N/A
Packing group	N/A

14. **Regulatory Information**

Symbol	N/A
Risk Phrases	N/A
Safety Phrases	N/A

15. 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.

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