



LABORATORY CHEMICALS AND CONSUMABLES

MATERIAL SAFETY DATA SHEET

DIMIDIUM BROMIDE - DISULPHINE BLUE

1. Chemical Product and Company information

Product name: Dimidium Bromide – Disulphine Blue

Contact Information:

Radchem cc
PO Box 166982
Brackendowns
Alberton 1454
Telephone : **011 867 3726 / 2864**

2. Hazard Identification

Irritating to the eyes and skin

3. Composition / information on ingredients

CAS #: Dimidium bromide <0.1%	CAS No.: 518-67-2	EEC-No.: 208-256-7
Disulphine blue < 0.03%	CAS No.: 129-17-9	EEC-No.: 204-934-1
Sulphuric acid <6%	CAS No.: 7664-93-9	

Synonym:

4. First Aid Measures

Eye Contact: Irrigate thoroughly with water for at least 10 minutes. OBTAIN MEDICAL ATTENTION.

Skin Contact: Drench the skin thoroughly with water. Remove contaminated clothing and wash before re-use. In severe cases OBTAIN MEDICAL ATTENTION.

Serious Skin Contact: Not available

Inhalation Remove from exposure, rest and keep warm. In severe cases obtain medical attention.

Serious Inhalation: Not available

Ingestion: Wash out mouth thoroughly with water and give plenty of water to drink. OBTAIN MEDICAL ATTENTION.

Serious Ingestion: Not available.



5. Fire-fighting measures

Flammability of the Product: May evolve toxic fumes in fire.

Fire Hazards in Presence of Various Substances: Not available.

Explosion Hazards in Presence of Various Substances: Not available

Fire Fighting Media and Instructions: Not available

Special Remarks on Fire Hazards: Not available

Special Remarks on Explosion Hazards: Not available

6. Accidental release measures

Small Spill: Wear appropriate protective clothing. Spread soda ash liberally over the spillage. If local regulations permit, mop up cautiously 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 water.

Large Spill: For large spillages liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillages.

7. Handling and storage

Precautions: Not available

Storage: Store at room temperature (15 to 25°C recommended). Keep well closed and protected from direct sunlight and moisture.

8. Exposure controls/personal protection

Engineering Controls: As appropriate to quantity handled.

Personal Protection: Respirator: Self-contained breathing apparatus. Ventilation: Fume cupboard. Gloves: Rubber or plastic. Eye Protection: Goggles or face-shield

Personal Protection in Case of a Large Spill: Other Precautions: Plastic apron, sleeves, boots - if handling large quantities

9. Physical and chemical properties

Physical state and appearance: liquid

Odour: Odourless

Taste: Not available

Colour: orange-brown

Boiling Point: Not available

Melting Point: Not available

Critical Temperature: Not available

Specific Gravity: Not available

Odour Threshold: Not available

Ionicity (in Water): Not available.

Dispersion Properties: Not available

Solubility: Miscible in all proportions

Vapour Density: Not available

Volatility: Not available



10. Stability and reactivity

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Not available

Incompatibility with various substances: Alkali metals, alkali compounds, alkaline earth metals, alkaline earth compounds, ammonia, bases, acids, metals, metal alloys, phosphorus, phosphorus oxides, hydrides, halogen-halogen compounds, oxyhalogenic compounds, permanganates, carbides, combustible substances, organic solvents, acetylidene, nitriles, organic nitro-compounds, anilines, peroxides, picrates, nitrides, lithium silicide.

Corrosivity: Not available

Special Remarks on Reactivity: Not available

Special Remarks on Corrosivity: Not available

Polymerization: Will not occur.

11. Toxicological information

Routes of Entry: Inhalation. Ingestion, skin contact

Toxicity to Animals: Not available

Chronic Effects on Humans: Irritation of mucous membranes in the mouth, pharynx, oesophagus, and gastrointestinal tract.

Other Toxic Effects on Humans: No evidence of carcinogenic properties. No evidence of mutagenic or teratogenic effects.

Special Remarks on Toxicity to Animals: Not available

Special Remarks on Chronic Effects on Humans: Not available

Special Remarks on other Toxic Effects on Humans: Not available

12. Ecological information

Ecotoxicity: Not available

BOD5 and COD: Not available

Products of Biodegradation: Endangers drinking-water supplies if allowed to enter soil or water. A harmful effect on aquatic organisms cannot be excluded in the event of improper handling or disposal.

Toxicity of the Products of Biodegradation: The following applies to sulphuric acid: biological effects: toxic for aquatic organisms; harmful effect due to pH shift. LD50 96 h. 10mg/L; fish: lethal from 1.2mg/L; from 6.3 mg/L lethal in 24 h.

Special Remarks on the Products of Biodegradation: Not available

13. Disposal considerations

Waste Disposal: Chemical residues are generally classified as special waste, and as such are covered by regulations which vary according to location. Contact your local waste disposal authority for advice, or pass to a chemical disposal company. Rinse out empty containers thoroughly before returning for recycling.

14. Transport information

DOT Classification: IMDG class: 8

Identification: : BATTERY FLUID, ACID ADR/RID NR: 8,1'(b)

Special Provisions for Transport: Not available

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Radchem CC. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Radchem CC has been advised of the possibility of such damages.

