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Material Safety Data Sheet

Bromine Tablets

1. HAZARDS IDENTIFICATION

Contact with combustible material may cause fire. Harmful if swallowed. Causes burns.

2. FIRST AID MEASURES

Inhalation: Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. Get medical attention immediately.

Ingestion: Do not induce vomiting! Rinse the skin immediately with lots of water. Get medical attention.

Skin: Remove contaminated clothing. Rinse the skin immediately with plenty of water. Get medical attention if irritation persists after rinsing.

Eyes: Rinse eyes with water immediately. Get medical attention immediately. Continue to rinse with water.

3. FIRE FIGHTING MEASURES

Extinguishing Media: Use: water spray, fog or mist. Alcohol resistant foam. Do not use CO₂ or dry chemicals.

Un-usual Fire & Explosion Hazards: Fire causes formation of toxic gases.

Hazardous Combustion Products: Toxic gases/vapors/fumes of: Bromine, Chlorine, Oxides of: Carbon, Nitrogen.

Protective Measures In Fire: Use self-contained breathing apparatus.

4. ACCIDENTIAL RELEASE MEASURES

Spill Clean up Method: Provide ventilation and confine spill. Collect and reclaim or dispose in sealed containers in licensed waste. Wash thoroughly after dealing with spillage. Avoid generation and spreading of dusts. Avoid contact with water.

5. HANDLING AND STORAGE

Usage Precautions: Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Do not use in confined spaces without adequate ventilation and/or respirator. Avoid spilling, skin and eye contact. Avoid acids, moisture and combustible materials. Avoid handling which leads to dust formation.

Storage Precautions: Keep in cool, dry, ventilated storage and closed containers. Keep containers tightly closed. Protect from light, including direct sun rays. Keep away from heat, sparks and open flame.

6. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingredient Comments: No exposure limits noted for ingredient(s).

Process Conditions: Use engineering controls to reduce air contamination to permissible exposure level.

Ventilation: All handling to take place in well ventilated area.

Respirators: Use specified dust masks

Protective Gloves: Use protective gloves made of: rubber, neoprene or PVC.

Eye Protection: Use approved safety goggles or face shield.

Other Protection: Wear appropriate clothing to prevent any possibility of skin contact. Wear dust marks in dusty areas.

Hygienic Work Practices: No specific hygiene procedures is noted. Isolate contaminated clothing and wash before re-use.

7. STABILITY AND REACTIVITY

Stability: Normally stable.

Avoid: Moisture

Conditions to avoid: Avoid contact with oxidizers or reducing agents.

Avoid contact with acids and alkalies.

Avoid heat, flames and other sources of ignition.

8 TOXICOLOGICAL INFORMATION

Toxicological data: Acute toxicity. LD50. Oral. Rat 578 mg/kg

Ingestion: Harmful if swallowed

Skin: Causes burns

Eyes: Causes burns

Other health effects: This substance has no evidence of carcinogenic properties.

9 DISPOSAL CONSIDERATIONS

General/Cleaning: Do not reuse empty containers. Triple rinse drums prior to recycling or disposal.

Disposal Methods: Dispose of in accordance with Local Authority requirements.

Waste Class: 07 01 99

10 TRANSPORT INFORMATION

Un No. Road: 1479
UK Road Transport Class: 5.1
UK Road Pack GR: II
ADR Class No: 5.1
ADR Class: Division 5.1: Oxidizing substances
Hazard No: (ADR): 50 Oxidizing (fire-intensifying) substance.
Proper Shipping Name I: Oxidizing Solid, N.O.S, (contains bromo-chloro-5,5-dimethylbutane-2,3-dione)

UN No SEA: UN1479
IMDG Class: 5.1
IMDG Pack GR: II
EmS No: 5.1-11
UN No AIR: UN 1479
ICAO Class: 5.1
Air Pack GR: II

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