

Chemicals For Pools

SAFETY DATA SHEET

Bromine Tablets

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name: Bromine Tablets

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: A solid halogen release biocide

1.3. Details of the supplier of the safety data sheet

Company Name: Chemicals For Pools
Unit 3 Boarhurst Lane
Greenfield
Oldham, OL3 7ER
Tel: 0161 678 9492

1.4. Emergency telephone number

0844 3727344

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: AcuteTox.4: H302;AquaticAcute1: H400;SkinCorr.1B: H314;SkinSens.1: H317

2.2. Label elements

Label Elements under CLP:

Hazard statements: H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H317: May cause an allergic skin reaction. H400: Very toxic to aquatic life. EUH031: Contact with acids liberates toxic gas.

Signal word: Danger

Hazard pictograms:



Precautionary statements: P260: Do not breathe dust/fumes/gas/mist/vapours/spray. P280: Wear protective gloves/protective clothing/eye protection/face protection. P301+312: IF SWALLOWED: Call a POISON CENTER/doctor/... if you feel unwell. P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P302+352: IF ON SKIN: Wash with plenty of water/... P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

2.3. Other hazards

PBT: This substance is not identified as a PBT substance

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Section 3: Composition/information on ingredients

3.1 Substances

Chemical identity: BROMOCHLORO-5,5-DIMETHYLIMIDAZOLIDINE-2,4-DIONE (BCDMH)

CAS number: 32718-18-6

EINECS number: 251-171-5

Contains :

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact. Severe burns may occur.

Eye contact: There may be irritation and redness. Corneal burns may occur. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting. Swallowing will lead to severe burning of the mouth and throat and to a danger of perforation of oesophagus and stomach.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

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Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and Storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area.
Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

Suitable packaging: Polyethylene. Polypropylene. Unsuitable packaging: metals and alloys.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control Parameters

8.1. DNEL/PNEC Values

DNEL / PNEC: No data available

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.

Hand protection: Protective gloves. PVC gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Solid

Solubility in water: 5.4g/l (25degC)

Colour: Off-white

Relative density:

pH: N/A

Odour: Perceptible odour

Viscosity Test Method:

Boiling Point / Range:

Melting Point / Range:

Vapour Press:

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

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Chemical Stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Metals and alloys.
Reacts with strong acids, bases and oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Effects of mixture

Calculated

11.2. Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact. Severe burns may occur.

Eye contact: There may be irritation and redness. Corneal burns may occur. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting. Swallowing will lead to severe burning of the mouth and throat and to a danger of perforation of oesophagus and stomach.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: Not applicable

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility in solid: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Return empty containers to the supplier for recycling. Damaged containers should be destroyed by cutting up or by incineration.

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Do not use for potable water.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN Number

UN number: 3085

14.2. UN Proper shipping name

Shipping name: OXIDIZING SOLID, CORROSIVE, N.O.S.(BROMOCHLORO-5,5-DIMETHYLIMIDAZOLIDINE-2,4-DIONE (BCDMH))

14.3. Transport hazard class(es)

Transport class: 5.1(8(EHS))

14.4. Packing Group

Packing group: II

14.6. Special precautions for user

Tunnel Code: E

Transport category: 2

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Chemical safety assessment: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010

Phrases used in s.2 and 3: EUH031: Contact with acids liberates toxic gas.
H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.
H400: Very toxic to aquatic life.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.