



BCDMH TABS

TECHNICAL DATA

Stabilized Solid Bromine Tablets For Industrial Water Systems

DESCRIPTION:

BCDMH Tabs are registered with the US EPA as a bactericide, slimicide, fungicide and algacide for the treatment of once-through and recirculating cooling water, air washers equipped with mist eliminators, influent water systems, cannery and brewery pasteurizers, cooling ponds, ornamental fountains, pulp and paper process water and wastewater treatment systems. BCDMH Tabs provide the following features and benefits:

- Oxidizing bromine chemistry for broad spectrum efficacy to microorganisms
- Effective in alkaline waters and in the presence of ammonia and organic nitrogen,
- Low dose performance means less product is necessary at lower expense
- High integrity tablets for low dusting and breakage
- Unique stacking of tablets in pails to reduce tablet damage in transit
- Fed using normal bromine tablet feeders

DOSING REQUIREMENTS:

Initial dose: When noticeably fouled, add 2-6 lbs. /10,000 gallons of water contained in the system. Repeat initial dosage until one ppm of 'active' residual bromine is established for at least 4 hours.

Subsequent dose: When microbial control is evident, add 1-3 lbs. / 10,000 gallons of water contained in the system. Repeat as needed to maintain one ppm of 'active' residual bromine for at least 4 hours.

PROPERTIES:

Active:	1-bromo-3-chloro-5,5-dimethylhydantoin
Assay:	99 %
Available Br ₂ :	65%
Available Cl ₂ :	29%
pH (1% aq):	4.2
Solubility:	1,000 mg/L (reported as chlorine) at 25 oC
Tablets:	20 g each, 1" diameter

AVAILABILITY:

50 lb pails

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SHIPPING INFORMATION

Proper shipping name:	Oxidizing solid, corrosive, n.o.s.
Description:	<i>(1-bromo-3-chloro-5,5-dimethylhydantoin)</i>
Hazard class:	5.1, Oxidizer
Subsidiary Class:	8, Corrosive
UN number:	UN 3085
Packing group:	II

STORAGE & HANDLING

BCDMH Tabs should be kept dry in a tightly closed container, away from heat, sunlight, and organic materials such as oils and greases.

Inhalation of dust may cause irritation nose and throat. Always wear a dust mask approved by a national authority.

Contact with the skin may cause irritation. Always wear rubber or plastic gloves, long pants and long-sleeved shirts. Wash contaminated clothing and equipment with water before reuse.

Avoid contacting BCDMH tabs with easily oxidizable material such as alcohols, aldehydes, ketones or strong reducing agents. These may cause a chemical reaction leading to a pressure build up in the feeder.

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Product #39

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