

Dantoin™ BCDMH RW Tablets

Industrial Water Treatment

Microbiocide

BCDMH RW Tablets

Dantoin™ BCDMH RW Tablets control microbiological growth and slime formation in industrial, commercial, beverage and municipal water treatment applications.

Application

- Manual dosing applications.
- For use in all industrial feeders designed for bromine (BCDMH) tablets.

Approved uses include:

Dantoin™ BCDMH RW Tablets aids in the control of bacterial, fungal and algal slimes in commercial and industrial cooling towers; heat exchange water systems; evaporative condensers; influent systems such as flow through filters, cooling ponds, canals and lagoons; industrial water scrubbing systems; brewery pasteurizers; sewage systems (septic tanks, leach fields, tank lines, sewers, lagoons, and sewage effluent water); photo-processing wash water; food and non-food contact paper and paper process wash water; industrial air washing systems equipped with a mist eliminator; cannery cooling water, package warmers, pasteurizer water and retort water; once-through industrial cooling water systems; water features; commercial air conditioner and dehumidifier basins or drip pans and wastewater treatment systems.

Typical Properties	
Appearance:	Solid off-white tablets
UN Number Local:	3085
Molecular Formula:	$C_5H_6BrClN_2O_2$
Molar Mass:	241.47 g/mol
Density:	1.6 g/cm ³
Melting Point:	159–163 °C
Solubility in Water:	0.25 g/100g at 25°C



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Advantages

- Effective over a broad pH and alkalinity range, including highly cycled water systems.
- Effective in the presence of ammonia and other nitrogenous substances.
- Hydantoin stabilization reduces product consumption by halogen demand and increases compatibility with process additives.
- Hydantoin – controlled release of biocide improves the broad distribution of halogen residuals.
- Solid form minimizes the potential for worker exposure, spills or other environmental releases.
- High activity in a solid concentrate reduces storage and transportation costs.
- High active ingredient.
- Stable product.

Regulatory

- EPA Registration No. 6836-317.
- EINECS No. 251–171-5.
- FDA Approval under 21 CFR 176.300 as slimicide in the production of paper and board intended to contact food

Storage

Please see the MSDS for detailed information. Dantoin™ BCDMH RW Tablets remain stable provided it is stored in a cool, dry, well-ventilated area out of the sun and heat. Similar to other halogen generators, Dantoin™ BCDMH RW Tablets will decompose if mixed with readily oxidizable substances. Avoid mixing Dantoin™ BCDMH RW Tablets with organics, petroleum-based lubricating oils, strong acids, strong alkalis, reducing agents, and hydrated salts.

Safety And First Aid Measures

Please consult product MSDS

Packaging

Dantoin™ BCDMH RW Tablets are available in 25kg drums.

Product Code

Dantoin™ BCDMH RW Tablets : BCDMH25.



Dantoin™ BCDMH RW Tablets control bacterial, fungal and algal slimes in water systems, for use in commercial, industrial and municipal applications.

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