Lonza

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:	$C_5 H_6 BrClN_2 O_2$
Molar Mass:	241.47 g/mol
Density:	1.6 g/cm³
Melting Point:	159–163 ° C
Solubility in Water:	0.25 g/100g at 25℃

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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