



## Product Data Sheet MICROBIOCIDES

# Dantoin BCDMH RW

### DESCRIPTION

Dantoin BCDMH RW is a broad spectrum biocide consisting of 1-bromo-3-chloro-5,5-dimethylhydantoin which is an oxidizing biocide. It is EPA registered for use in controlling 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. Dantoin BCDMH RW is relatively safe to handle and store and is effective at low dosages.

### APPLICATION

Dantoin BCDMH RW is designed to be fed continuously, as a biostat, by means of any feeder designed for BCDMH tablets. Dantoin BCDMH RW's controlled solubility properties allow for precise, continuous introduction of this unique bromine/chlorine release agent based on the controlled flow of a cooling water by-pass stream through the feeder.

### PHYSICAL PROPERTIES

Color & Form ..... Off-White Tablets  
Odor ..... Slight Halogen  
Solubility ..... 0.25g/100g water @ 25°C

### DOSAGE & FEEDING

Badly fouled systems should be cleaned before starting treatment. Apply 0.2 to 0.6 pounds of Dantoin BCDMH RW per 1000 gallons of total system water when system is noticeably fouled, to the properly sized by-pass feeder. Repeat this initial dosage until at least one ppm bromine residual is established for at least 4 hours. When control is evident, apply 0.1 to 0.3 pounds Dantoin BCDMH RW per 1000 gallons of total system water by means of the properly sized by-pass feeder. Repeat as needed to maintain at least one ppm bromine residual for at least four hours. The cooling water systems volume, daily makeup requirements, and average water temperature will provide the information necessary to size the feeder. Consult your Water Treatment Service Engineer.

### HANDLING AND PRECAUTIONS

Dantoin BCDMH RW should be kept dry in a tightly closed container when not in use. Store the container in a cool, dry, well ventilated area away from heat, open flames, organic chemicals and sunlight. Mix only with water. Do not add this product to any dispensing device containing remnants of any other product. Do not contaminate with moisture, organic matter or other chemicals as adverse chemical reactions may occur. Clothing designed to minimize skin contact and protective gloves are recommended. When dusting takes place, wear a dust mask. Refer to the Material Safety Data Sheet for additional safe handling information.

### PACKAGING

Dantoin BCDMH RW is packaged in:  
5 gallon pails ..... net wt. 50 lbs.  
2.5 gallon pails ..... net wt. 25 lbs