



Product Data Sheet MICROBIOCIDE B R T 92

DESCRIPTION

BRT92 is a solid bromine based tablet, which is a mixture of trichloro-s-triazine trione and sodium bromide. It has EPA registration from controlling bacteria, fungi and algae growth in recirculating cooling water systems, air washers, ornamental ponds and pasteurizers. It is a highly effective oxidizing microbiocide effective over a wide pH range, up to 9.0 and as low as 6. BRT92 Microbiocide is relatively safe to handle and store and is effective at low dosages.

APPLICATION

BRT92 Microbiocide should be fed continuously or intermittently by means of a specially designed by-pass type feeder. BRT92 Microbiocide'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 1" Tablets
Density.....63-66 lbs./cu.ft.
Odor..... Very slightly pungent
Solubility<1.2g/100g water @ 77°F
pH (1% solution).....3 –3.5

DOSAGE & FEEDING

Badly fouled systems should be cleaned before starting treatment. Apply 0.1 to 0.5 pounds of BRT92 Microbiocide 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 0.8-1.0 ppm bromine residual is established for at least 4 hours. When control is evident, apply 0.02 to 0.1 pounds BRT92 Microbiocide per 1000 gallons of total system water by means of the properly sized by-pass feeder. Repeat as needed to maintain at 0.8 –1.0 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 for additional information.

HANDLING AND PRECAUTIONS

BRT92 Microbiocide 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

BRT92 is packaged in:
5-gallon pails.....net wt. 50 lbs.