



Smart Release Product Bulletin - Halogene G

Product Description

Application: Halogene G is a broad spectrum bromine based oxidizing biocide. Halogene G is designed for use in open recirculating cooling water systems and closed loops where a solid, 30-Day controlled-release biocide treatment is desired. Smart Release Halogene G contains a granular form of Bromo-chloro-5, 5-dimethylhydantoin packaged in a proprietary Smart Release container.

Product Benefits

- Smart Release minimizes maintenance costs - No Pumping Required
- Smart Release containers prevent human exposure to chemical
- Controls biofilm and microbiological contamination
- Controls system fouling
- Reduces risk associated with water born pathogens

Directions for Use

Halogene G is used at a minimum dose of 5ppm and a recommended maximum dose of 50ppm as a product - with an estimated average dose of 15 ppm in the recirculating water for adequate bacteria control. Halogene G will treat recirculating water with pH levels ranging from 6.0-10.0. As with any microbiological control program, the exact dose or treatment level will vary based on the cooling system biological loading. See the chart below for the estimated amount of Halogene G necessary for the selected system sizes and water concentration.

Estimated Usage Profile

LBs of Halogene G needed for 30 Days of treatment per Selected Tons Cooling at Cycles						
**Assumes: Condenser Delta T 10 Degrees AVG, 15ppm Feed Rate, AVG Tons "Actual" LOAD						
Cycles	50 Tons	100 Tons	200 Tons	300 Tons	400 Tons	500 Tons
2	7	14	28	42	55	70
3	4	7	14	21	23	35
4	3	5	10	14	19	24
5	2	4	7	11	14	17
6	2	3	6	9	11	14
7	1	3	5	7	9	12
8	1	2	4	6	9	10

Limitations for Handling

**WARNING: KEEP OUT OF THE REACH OF CHILDREN.
FOR INDUSTRIAL AND POTABLE USE.**

Available Packaging: Box or Case of (4) 2lb canisters OR (4) 1lb canisters