

# Smart Release

## Product Bulletin - Biobrom C100G

### Product Description

**Application:** Biobrom C100G Smart Release is a non-oxidizing, broad spectrum biocide. BIOBROM C-100G 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 Biobrom C-100G contains granular, 98% active DBNPA (2,2-Dibromo-3-nitrilopropionamide) material.

### Product Benefits

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

### Directions for Use

BIOBROM C-100G SR is used at a minimum dose of 2ppm and a recommended maximum dose of 23ppm as a product - with an estimated average dose of 7ppm in the recirculating water for adequate bacteria control. BIOBROM C-100 SR will treat recirculating water with pH levels ranging from 6.5-9.0. If the pH exceeds 9.2, the bacteria control performance will be diminished. As with any biocide program, the exact dose or treatment level will vary based on the biological loading on the cooling system. See the chart below for the estimated amount of BIOBROM C-100 necessary for selected system sizes and water concentration.

### Estimated Usage Profile

LBs of Biobrom C-100G 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	3	6	13	19	26	32
3	2	3	6	10	13	16
4	1	2	4	7	9	11
5	1	2	3	5	7	8
6	1	1	3	4	5	7
7	0.5	1	2	4	5	6
8	0.5	1	2	3	4	5

### Limitations for Handling

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

Available Packaging: Box or Case of (6) 2lb canisters OR (6) 1lb canisters