



Smart Release

Product Bulletin - CW24SR

Cool Sperse

Product Description

Application: CW24SR Cool-Sperse is a proprietary, NSF approved biofilm penetrant and release agent. CW24SR Cool-Sperse is designed for use in open recirculating cooling water systems and closed loops where a solid, 30-Day controlled-release biofilm release agent is desired. Smart Release CW24SR Cool-Sperse contains a granular proprietary formulation of biofilm dispersing agents. CW24SR Cool-Sperse is NOT a biocide and must be used in conjunction with a biocide product.

Product Benefits

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

Directions for Use

CW24SR Cool-Sperse is used at a minimum dose of 3 ppm and a recommended maximum dose of 10 ppm as product – with an estimated average dose of 4 ppm in the recirculating water for adequate biofilm control. CW24SR Cool-Sperse will treat recirculating water with pH levels ranging from 5.0-10.0. 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 CW24SR Cool-Sperse necessary for selected system sizes and water concentration.

Estimated Usage Profile

LBs of CW24SR needed for 30 Days of treatment per Selected Tons Cooling at Cycles						
**Assumes: Condenser Delta T 10 Degrees AVG, 3.5ppm Feed Rate, AVG Tons "Actual" LOAD						
Cycles	50 Tons	100 Tons	200 Tons	300 Tons	400 Tons	500 Tons
2	1.5	3	6.5	20	13	16
3	1	1.5	3	5	6.5	8
4	0.5	1	2	3.5	4.5	5.5
5	0.5	1	1.5	2.5	3.5	4
6	0.5	0.5	1.5	2	2.5	3.5
7	0.25	0.5	1	2	2.5	3
8	0.25	0.5	1	1.5	2	2.5

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