



Application Guide for BCP™ 2175

Use in a Biofilm Control Program (BCP™)

BCP™ 2175 is used in industrial cooling water systems as an organic deposit dispersant, penetrant aid, deposit cleaner and with some biocide, provides a Biofilm Control Program (BCP™). **BCP™ 2175** is a formula designed to provide both immediate and longer sustained performance.

BCP™ 2175 in a Biofilm Control Program (BCP™) cleans up systems and keeps them clean. The most effective way to apply BCP™ 2175 for cleaning is to slug dose it 30 minutes to 1 hour prior to biocide dosing. This allows organic deposits to be released from surfaces for more effective biocide penetration and therefore cost effective biocide kill. In addition, BCP™ 2175 may be fed continuously to keep systems clean.

Compatibility

BCP™ 2175 is generally compatible with all water treatment chemicals*. The staggered dosing method and use of a separate feed line for BCP™ 2175 ensures optimal effectiveness of both BCP™ 2175 and the biocide in a biofilm control program.

*Contact us for guidance on the use of BCP™ Products with Glutaraldehyde to enhance Glutaraldehyde efficacy.

Dosing

Maintenance

Continuous Feed: 2 – 10 ppm BCP™ 2175

Slug Dose: 25 – 65 ppm BCP™ 2175

- Dose 1 to 3 times per week.
- Optimize the dosing and frequency of dosing based on quality control (QC) metrics.

Clean-Up

Slug Dose: 50 – 100 ppm BCP™ 2175

- Dose each day or until system performance measurements and visual inspection show satisfactory removal of organic deposits and system clean-up.

Super Slug Dose (Clean-up of heavily fouled systems): 100 ppm BCP™ 2175

- Dose at 1-2 hour intervals.
- Add high concentration dose (100 ppm) of BCP™ 2175 to penetrate and disperse organic deposits from the surfaces.
- After 1-2 hours, initiate an enhanced/manual blow down to remove released organic deposits & non-organic deposits.
- Repeat dose and enhanced/manual blow down steps until system quality control measurements indicate satisfactory clean up.

How to Monitor Treatment Effectiveness

- Visual inspection of deposits removed (real time)
- ATP diagnostic method to measure organic deposit release (real time)
- Approach temperatures, plate counts, total suspended solids (TSS), etc...



AMSA, Inc.®
4714 S. Garfield Rd. • Auburn, Michigan, USA • 48611
Tel: (989) 662-0377 Fax: (989) 662-6461
sales@amsainc.com
www.amsainc.com