



BCP™ 2430 is a multi-purpose product with several key uses. Its primary use is as a powerful organic deposit cleaner, deposit penetrant, and deposit dispersant in industrial water systems.

BCP™ 2430 and biocide provides a cost effective Biofilm Control Program (BCP™). In particular, BCP™ 2430 can be used in Legionella cleanup and maintenance programs.

When used as a cleaner/dispersant, BCP™ 2430 also provides copper corrosion inhibition comparable to azoles. When used with citric acid, in formulated form or co-fed, it provides excellent mild steel corrosion inhibition.

Product Description

Active Ingredient:	Proprietary amide hydrolysate
Physical State:	Liquid solution
Inerts:	Freeze protection agent
Solvent:	Water
Color:	Pale yellow-brown to light amber
Clarity:	Clear to slightly cloudy
pH:	nominal 4.5
Density:	8.3 lb./gallon
Shelf life:	One year minimum
Storage Temperature:	Above 32 deg. F
Freeze Thaw:	If frozen, simply thaw to room temperature and slightly agitate

Packaging

BCP™ 2430 product is packaged in:

- 275 gallon totes
- 55 gallon non-returnable near-clear plastic drums
- 15 gallon near-clear plastic drums
- 30 gallon near-clear plastic drums
- 5 gallon square near-clear pails
- 5 gallon round white pail with pour spout



Shipping is not regulated as per DOT standards. Ships as Class 55.



Features

- Exceptional for low ventilation space environments sensitive to odor
- Exceptional as dispersant, penetrant aid, and surfactant in algacide control programs**
- Exceptional azole-like properties
- Penetrates, disperses, cleans, removes organic deposits from cooling water system surfaces
- Low persistence (NPDES discharge permit benefit)
- Biodegradable (NPDES permit discharge benefit)
- Fast acting
- Highly effective in high demand systems such as high COC and high solids systems (high TDS)
- Reduces corrosion by keeping metal surfaces free of organic deposition (indirect mode of action), as well as acting similar to a film forming amine (direct mode of action)
- Increases biocide effectiveness and lowers their use levels and subsequent costs
- Excellent compatibility with cooling water treatment programs*
- Reduces oxidizing biocide demand and increases biocide residuals
- Not affected by high pH; works very well at pH above 7
- Not affected by high organic load
- Not affected by high concentrations of ammonia, hydrogen sulfide, or other strong nucleophiles
- Best used prior to the addition of oxidizing biocide or just after biocide has been added

* Call us before using with glutaraldehyde which provides synergistic benefits but can form a pink color at times.

** An algae control program is the use of dispersant, penetrant aids, and/or surfactants plus biocide/algacide

Usage & Dosage

BCP™ 2430 may be used in 2 modes:

- 1) **Cleanup** of a fouled system ***
- 2) **Maintenance** to keep systems clean (Clean it Up & Keep it Clean™)

*** For a heavily fouled system, use BCP™ 2430 series products a part of the physical and/or chemical program and then proceed to use BCP™ 2430 in maintenance mode

Dosage methods: Slug, Continuous, or Semi-continuous

BCP™ 2430 may be directly added to a water system at a point of good agitation to insure proper dispersal in the system. Typical slug dosage is 25 – 65 ppm based on system volume. (Other use patterns depend on system parameters, etc. Call us for guidance. When using oxidizing biocide call us for best practices.)



BCP™ (Biofilm/Algae/Legionella Control Program) method:

Using BCP™ 2430 with your biocide/algaeicide of choice provides an effective biofilm/algae control program. Call us for specific information on which type of biocides are preferred in our view, what specific biocides have been used effectively, etc.

Environmental Benefits

- Low persistence in the environment (NPDES discharge permit benefit)
- Biodegradable (NPDES permit discharge benefit)

Regulatory Considerations

BCP™ 2430 is biodegradable (OECD guidelines and aquatic use profile is in keeping with modern day expectations of water treatment chemicals for ecological friendliness. For comparison purposes, BCP™ 2430 is 6X to 60X safer* as an aquatic toxicant than the chemical called ADBAC (a quat biocide)). Note: BCP™ 2430 is not a quat, completely different.

*The aquatic toxicity profile is provided for general comparative purposes only and does not imply, warrant, or state to use it in any manner not in keeping with local regulations.

BCP™ formulations are not sold, warranted, or implied to be used as a biocide by AMSA, Inc. in the USA. Such product use is allowed in the USA only under rules and regulations as specified under FIFRA and enforced by the USA EPA.

Handling Considerations

Please refer to the SDS (formerly called msds) before handling this product. BCP™ products require handling that conforms to typical procedures required of strong industrial strength cleaners, detergents, and soaps.



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