

Product Data Sheet



BCP[®] 6010 is a multi-purpose product designed for continuous application in a maintenance program. Its primary use is as a powerful bio-organic deposit cleaner, penetrant, and dispersant in industrial water systems.

This specially formulated product is based on the BCP[®] 1000 and BCP[®] 2000 chemistries.

Biofilm Control Program (BCP[®]) - BCP[®] 6010 is a bio-organic deposit dispersant/cleaner to be dosed with a biocide to provide continuous cleaning and effective biofilm control.

Algae Control Program – BCP[®] 6010 is a bio-organic deposit dispersant/cleaner to be dosed with an algaecide to provide continuous cleaning and effective algae control.

Legionella Control Program - An effective biocide and BCP[®] 6010 dispersant/cleaner program prevents the build-up of bio-organic deposits that harbor *Legionella*.

Copper Corrosion Inhibition - BCP[®] 6010 has inherent yellow metal corrosion inhibition properties. It is therefore especially effective against corrosion in which MIC and non-MIC corrosion are both operative.

Product Description

Active Ingredients:	BCP [®] 1000, BCP [®] 2000
Solvent:	Water
Physical State:	Liquid solution
Color:	Pale yellow-brown to light amber
Clarity:	Clear to slightly cloudy
pH:	6 – 7
Density:	8.3 lb./gallon
Shelf life:	One year minimum
Storage Temperature:	Above 32 deg. F
Freeze Thaw:	If frozen, simply thaw at room temperature and slightly agitate

Packaging

BCP[®] 6010 product is packaged in:

- 275 gallon totes
- 55 gallon non-returnable near-clear plastic drums
- 15 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.



Features & Benefits

- Maintains clean surfaces by limiting the build-up of bio-organic deposits
- Penetrates, disperses, cleans, removes bio-organic deposits from cooling water system surfaces
- Reduces oxidizing biocide demand and increases biocide residuals

- Enhanced azole-like copper corrosion inhibition properties
- 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)

- Highly effective in high demand systems such as high COC and high solids systems (high TDS)
- Increases biocide effectiveness and lowers their use levels and subsequent costs

- Excellent compatibility with cooling water treatment programs*

- 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

- Biodegradable (NPDES permit discharge benefit)

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

Usage & Dosage

Maintenance of a relatively clean system, preferably used in conjunction with a comprehensive water treatment program.

Provides gradual cleaning in moderately fouled systems (recommend to clean-up a fouled system with BCP® 1015 or BCP® 2175)

Dosage methods: Continuous

BCP® 6010 may be directly added to a water system at a point of good agitation to insure proper dispersal in the system. See 'Application Guide for BCP® 6010' for specific information on dosing.

Environmental Benefits

BCP® 6010 has good biodegradation rates.

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

Regulatory Considerations

BCP® 6010 is biodegradable (OECD guidelines).

Note: AMSA, Inc. BCP® products are not sold, warranted, or implied to be used as a biocide by AMSA, Inc. in the USA.

Handling Considerations

Please refer to SDS (formerly called msds) before handling this product. BCP® products require handling that conforms to typical procedures required of strong industrial strength cleaners.

