



BC-510

Biocide

Items	Specifications
Form	Liquid
Colour	Clear, Pale green
PH value	3.5-4.5
Specific gravity (20°) g/cm ³ ≥	1.00-1. 10
Composition	Isothiazoline & Biodispersant
Solubility in water	Completely

General Specifications

BC-510 is composed of 5-chloro-2-methyl-4-thiazoline-3-ketone (CMI) and 2-methyl-4-thiazoline-3-ketone (MI). The bactericidal effect of **BC-510** is carried out through breaking the bond between bacteria and algae protein. When contacted with microbes, **BC-510** can quickly lead to death of these microbes. **BC-510** has very strong inhibition and micro-biocidal effects on all ordinary bacteria, fungi and alga, and has many advantages such as high biocidal efficiency, good degradation, no residual, safety in operation, good compatibleness, good stabilization, low cost in operation.

Key Features and Benefits

- Fungicidal with properties of broad spectrum disinfection
- high efficiency disinfection
- low toxicity and non-oxidising
- ideal biocidal in industrial circulating cool water system and in wastewater treatment in oilfield, papermaking, cutting oil, leather, detergent, cooling water and cosmetics etc.
- biosludge stripping effect is excellent

Application and Dosage

BC-510 should be dosed periodically at a rate of 50 - 200ppm of the total system volume.

In a badly fouled system an initial shock dose of up to 500ppm may be required. This product is effective over a wide range of pH and can be used in isolation or alternately with other non-oxidizing or oxidizing biocides.

Packing

BC-510 is available in 200 kgs HDPE jars and barrels.

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