

# MURC 4403

## Fungicide, Bactericide, Algaecide For Cooling Towers A Complete Solution Of Microbial Growth & Contamination

### Description

Cooling water systems provide an ideal environment for microbial organisms to grow, multiply, and cause deposit problems in heat exchange equipment. Microbial growth (algae, fungi and bacteria) can strongly influence corrosion, fouling, and scale formation also, if not controlled properly. In fact, microbial fouling is more insulating than other common deposits.

### The Way Of Entry Of Microorganisms In Cooling Water Systems

There are two primary modes of entry of microorganisms into cooling water systems. One is the makeup water in which microorganisms are already present. Another is via airborne microorganisms that are blown into the cooling tower.

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To ensure that cooling systems are safe, well maintained and operate at optimum efficiency it is essential that the correct water conditions are maintained at all times. This can be achieved using carefully selected biocides and algaecide. Clean Chem's range of advanced technology algaecide & biocides have been developed for use in a wide range of industrial and process water treatment activities where the effective control of microbiological activity in water is essential. MURC 4403 is recommended for the control of bacterial, fungal and algal slimes in evaporative condensers, re-circulating cooling tower systems, influent systems, industrial wet scrubber systems, sewage systems, auxiliary water systems, photo processing wash water, air washers etc.

### Product Benefits

- Innovative liquid chemical technology
- Effective in both alkaline and acidic pH ranges
- Functions as an effective microbiocide through the controlled release of active bromine and chlorine
- Highly effective for the control of bacterial, fungal and algal slimes in evaporative condensers, re-circulating cooling tower systems
- Significant safety improvements
- Easy to handle, simple to dose
- Environmentally friendly



### Product Properties

Appearance	: Liquid/Semi liquid
Colour	: White/Pale Yellow/Multi-Greenish
Solubility	: Easily soluble in water
pH	: Available in both low (2 to 4.5) and high (6.5 to 8.5) pH ranges
Relative Sp. gravity	: 1.01-1.19

### Application

In order to ensure maximum efficiency, our experienced technical staff, after careful and systematic study of plant and water quality, make recommendations for optimum dosages. MURC 4403 is to be dosed at the lift/inlet of pump. Generally, 100-120 ppm dosage may be.

### Safety & Handling

MURC 4403 is generally safe but avoid contact with eyes and skin. Do not take internally. Gloves and goggles should be used while handling the product.

Information in this publication, are given to the best of our knowledge, and may be amended without notice.



### CLEAN CHEM & ENGINEERS

#### Regd. Office

136/356, Manzoor Nagar  
Hapur Road  
Meerut-250 002 (India)  
cleanchem1986@hotmail.com  
chauhan.murtaza@gmail.com

#### Postal Address

770/7, Zaidi Nagar Society  
Shergarhi Road  
Meerut- 250 002 (India)  
Tel. : 0121 2701746, 9412202920  
Fax : 0121 2701506  
e-mail : cleanchem@rediffmail.com  
Website : www.cleanchemgroup.com

