

## ProPure BioA ERBIOCIDE-A (MICROORGANISM CONTROL)

Anti-microorganism in the water system

### Description

ProPure BioA; is a biocide used to prevent algae, bacteria, yeast, mussels, fungi and pollution caused by them in different industries.

It has a wide range of uses. Ideal for industrial cooling towers, seawater systems, fuel oil industry, paint and surface sealants, disinfectants, paper industry, preservation of metal cutting oils, preservation of oil emulsions in the textile industry.

This versatility has made ProPure BioA an indispensable solution for maintaining hygiene and preventing contamination in many industries.

### Directions For Use/Applications & Dosage Rates General Cleaning

It is advisable to pre-clean the system before starting any application programs. This is important because pre-existing crusty contaminants in the system can clog the cooling channels as they are removed and treated with this product.

In systems where bacterial growth is high, shock applications can be performed primarily to clean and control the system. Shock application should be repeated 1-4 times a week until the system is under control, usually in the form of 0.05% (50 kg per 100 tons). Then the additional dosage should be applied as 20-100 g per 1 ton of water (2-10 kg per 100 tons of water). The best injection site of ProPure BioA is immediately after the sea chest.

### Cooling Water Treatment

#### Summary

- It minimises biofouling and corrosion wear, extending the system's efficiency and lifespan.
- Maintains optimal heat transfer performance, ensuring high efficiency.
- Reduces maintenance and breakdown costs while lowering the need for continuous monitoring and control.
- Easy to implement and provides a cost-effective solution.

#### A) Organic Properties

##### Appearance

Physical State (20°C): Liquid  
Color : Transparent pale light yellow-green  
Odor : Odorless

#### B) Physical Properties

pH : 6.0-7.0  
Molecular Weight : -  
Explosion Limit : No  
Flash Point : No  
Relative Density : 1.02-1.12 g/cm<sup>3</sup>  
Solubility : Completely soluble in water.

#### Storage Conditions

Packaging Type : 25-30-35-70-200 liters original plastic drums  
Storage Period : 3 years

#### Approvals & Certificates



Product No : SP-KS-015