

## **DESCRIPTION**

**ERBIOCIDE-FW** protects cooling water systems from bacteria, fungus, mold, oyster, mussel and etc. by destroying their cells. As the organisms try to refresh their selves **ERBIOCIDE-FW** acts as emery and blocks their growing. A very thin layer of dead organisms forms in the system after usage, which will protect the cooling systems from contamination generating from the sea.

Chemical Name : Water conditioning (Chemical Mixture)  
Document No : SP-KS-016  
Trade Name : **ERBIOCIDE-FW (MICROORGANISM CONTROL)**  
Usage : Sea Water Cooling System Additive.

### **A. ORGANIC PROPERTIES**

Appearance

Physical State (20°C) : Liquid

Color : Light brown

Odor : Odorless

### **B. PHYSICAL PROPERTIES**

pH : 3.0 – 4.0

Molecular weight : -

Explosion Limit : None

Flash point : None

Relative Density : 1.10-1.20 g/cm<sup>3</sup>

Solubility : Completely soluble in water.

## **APPLICATION, FEATURES & BENEFITS**

- ✓ It minimizes the biological contamination and abrasion (corrosion). Thus the output and life of the system prolongs.
- ✓ It keeps the heat transfer performance at maximum so the output is high.
- ✓ It decreases the maintenance and breakdown cost and continuous supervision and cost thereof.
- ✓ It's easy to perform and has low cost.

## **STORAGE & TRANSPORTATION**

Packed in original plastic jerry cans of 25-30-35-70-200 L. Storage period is 3 years.

## **DIRECTIONS FOR USE/APPLICATIONS & DOSAGE RATES**

If your system is contaminated with shelled organisms, a pre-cleaning is recommended before starting ERBIOCIDE-FW usage, otherwise ERBIOCIDE-FW will start to kill shelled organisms rapidly and these dead shells will block cooling blocks.

ERBIOCIDE-FW must be added as 1 Kg to 100 tons at least once in 2-3 days in coastal waters and at least once in 6-7 days in open sea (10 g/ton). Dosage should be made gradually in 2 hours with a dosage pump. The best injection place of ERBIOCIDE-FW is just after seachest. In such an application, the product will penetrate into all parts of the sea water system.