



## **HUWA-SAN TR50**

**Huwa-san TR50** is a stabilised aqueous solution of hydrogen peroxide containing colloidal silver and other stabilising materials. As a water treatment biocide **Huwa-san TR50** is unique in providing a very wide spectrum of biocidal activity. It will effectively treat all water borne bacteria and viruses. **Huwa-san TR50** is particularly valuable in modern water system hygiene management where more conventional treatments are unsuitable.

### **ADVANTAGES**

- approval for use in public water supplies - DWI Ref: 56.4.573
- effective against legionella - kills the amoebic hosts of legionella
- effective against pseudomonas
- kills bacteria and algae
- non-foaming
- compatible with other cooling tower chemicals
- penetrates and removes biofilm
- breakdown products are water and oxygen— no neutralisation required in disinfecting tanks.

### **APPLICATION AREAS**

#### **Water Storage tanks Water Features**

Cooling Tower Systems Reservoir disinfection. Bunkered Water Preservation.

### **HOW MUCH TO USE**

Cooling Water: 1000 ppm of product for fouled systems (1 litre per m<sup>3</sup>).

Weekly dosing 100 – 200 ppm of product (100 – 200 ml per m<sup>3</sup>).

Continuous dosing at 30 – 50 ppm of product (30 – 50mls per m<sup>3</sup>)

Tank Disinfection: Pre-disinfection at 200 ppm of product (200 mls per m<sup>3</sup> of system capacity). Spray walls with 1% solution allowing 10 minute contact time. Post disinfection if required at 200 ppm of product. Product can then be left to degrade naturally with no flushing or neutralisation.

Drinking Water:- Emergency disinfection at 200 ppm (200 mls per m<sup>3</sup>).

Low level disinfection achieved at 20 – 30 ppm.

(Note: EC limit for silver is 80 ppb. 200 ppm of product is equivalent to approx 65 ppb)

Test strips are available for monitoring hydrogen peroxide.

### **PROPERTIES**

Appearance: Clear colourless liquid

Relative Density (20OC) : 1.196g/cm<sup>3</sup>

pH value (20OC) : 1.7

Hazard Identifications : Stabilised oxidising agent. Contact with combustible material may cause fire. Causes burns. Very toxic to aquatic organisms.

### **HANDLING AND STORAGE**

Avoid contact with skin and eyes. Avoid extremes of temperature. Replace cap securely after use.

### **PROTECTIVE EQUIPMENT**

It is important to wear suitable overalls, gloves and goggles when handling Huwa-san TR50.

### **SPILLAGE AND DISPOSAL**

May be disposed of as sewage water in accordance with local disposal regulations by previously diluting with plenty of water. May not be discharged into surface water.

### **PACKAGING**

Huwa-san TR50 is available in 12 kilo drums.