

ST202

ST202 is a stabilised aqueous solution of an isothiazolin derivative, formulated to control a wide range of bacteria, fungi and algae. It is effective in all types of water-based systems including open and closed cooling systems, heating systems, metal working fluids etc. **ST202** is useful in the control and eradication of pseudomonas and legionella pneumophila.

ADVANTAGES

- ❖ kills bacteria and algae and is effective against legionella, pseudomonas and sulphate reducing bacteria
- ❖ non-foaming
- ❖ compatible with other cooling tower chemicals
- ❖ effective over a wide range of pH
- ❖ free of additional copper and magnesium stabilisers.

HOW MUCH TO USE – CLOSED SYSTEMS

Isothiazolin based biocides have been used successfully for many years in both open and closed water circuits. There are, however, certain circumstances where these products have not provided an adequate control of Pseudomonad species. Isothiazolins also begin to break down at temperatures in excess of 60°C. The following dosage advice is based on the experience gained from many sites:

Standard maintenance dose	-	200 ppm
Dose following pre-commissioning cleaning	-	1000 ppm
Dose to kill Pseudomonas species	-	2000 – 3000 ppm

HOW MUCH TO USE – COOLING SYSTEMS AND SPECIALIST APPLICATIONS

If the system is badly fouled, it should be shock dosed initially with up to 500 ppm **ST202**. After bacteriological control is achieved, **ST202** should be dosed periodically at a rate of 100 to 200 ppm of the total system volume. Alternative biocide dosing is recommended to prevent any resistance developing.

PROPERTIES

<i>Appearance:</i>	pale blue/green liquid
<i>Density:</i>	1.0-1.1
<i>pH as supplied:</i>	3.0-5.0

HANDLING AND STORAGE

Corrosive - Causes Burns.
Avoid contact with skin and eyes. May cause sensitization by skin contact. Avoid extremes of temperature. Replace cap securely after use. Recommended storage limit – 2 years.

PROTECTIVE EQUIPMENT

It is **important** to wear suitable overalls, gloves and eye/face protection when handling **ST202**.

SPILLAGE AND DISPOSAL

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous to local/national regulations. Do not flush into surface water or sanitary sewer system. earth, vermiculite) and place in container for disposal according

PACKAGING

ST202 is available in 10 and 25 litre drums.