

# ATLANTIC WATER TECHNOLOGY LTD

## PRODUCT INFORMATION

### A-510

<b>GENERAL DESCRIPTION</b>	<p>A-510 is a non-ionic broad spectrum microbial control agent based upon a mixture of organo isothiazoline compounds</p> <p>A-510 is none foaming at any dilution in water.</p>
<b>USES</b>	<p>Any water system where microbial and algae control is required, except that A-510 is NOT SUITABLE for application to domestic or potable supplies.</p>
<b>COMPATIBILITY</b>	<p>A-510 is compatible with all components of water systems at the recommended dosage rate. A-510 is compatible with all other chemicals that may be used in the circuit, ranging from strong anionic through to strong cationic.</p>
<b>APPLICATION DATA</b>	<p>With closed and open recirculating cooling circuits. A-510 is normally applied by shot dose to promote 50-100 ppm of product with the circuit. It is necessary for the product to have 4 hours at this concentration so when calculating the shot dose, this should be based on system volume plus 4 hours bleed. Under some conditions, the concentration required may be found to be higher. This will be determined by biocide sensitivity testing. The frequency of dosing will be related to site conditions.</p> <p>A higher shot dose concentration of 100-200 ppm is usually recommended for closed circuits where more complete sterilization is desirable. The quantity required initially will be calculated on system volume with maintenance doses related to the fresh make-up water required.</p>
<b>TECHNICAL DATA</b>	<p>Appearance : clear yellow liquid</p> <p>pH as supplied : 2.4 approximately</p> <p>Specific Gravity : 1.025</p> <p>Flash point : Non-flammable</p> <p>Packaging : 25 and 200 litre containers</p> <p>Transportation : (corrosive)</p>

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## HEALTH AND SAFETY INFORMATION

### A-510

<b>POTENTIAL HAZARDS</b>	Harmful by inhalation, in contact with skin and if swallowed.
<b>HANDLING &amp; STORAGE</b>	Avoid eyes contact. Avoid extremes of temperature. Recommended storage limit – 2 years.
<b>PROTECTIVE EQUIPMENT</b>	It is <b>important</b> to wear suitable overalls, rubber gloves and eye/face protection.
<b>SPILL PROCEDURES</b>	Flush to drain with plenty of water. Do not allow product directly into rivers or water sources. Observe local disposal regulations.
<b>FIRST AID</b>	<b>EYES:</b> Rinse immediately with plenty of water for at least 10 minutes. Seek medical advice. <b>SKIN:</b> Rinse immediately with plenty of water. Wash skin with alkaline soap and light scrubbing. <b>INGESTION:</b> Wash out mouth thoroughly and drink plenty of water, milk, egg-white or gelatin.
<b>OTHER INFORMATION</b>	At the recommended in-use concentration, A-510 is non hazardous.