

ATLANTIC WATER TECHNOLOGY LTD

PRODUCT INFORMATION

A-520

GENERAL DESCRIPTION	A-520 is a synergistic mixture of an organo-tin compound and quaternary ammonium salt. This combination gives excellent broad spectrum activity against fungal, bacterial and algal colonisation.												
USES	<p>A-520 is designed for application to open recirculation cooling circuits. It is particularly useful where wooden packing is used being an excellent penetrant and fungal control agent.</p> <p>A-520 is quick acting in its action against bacteria.</p>												
COMPATIBILITY	A-520 is compatible with all the <i>Atlantic Water Technology</i> cooling water products at dosage levels recommended. It is compatible at the level recommended with all components used in water circuits. It is inadvisable to use A-520 in the presence of significant concentrations of strongly anionic substances.												
APPLICATION DATA	<p>A-520 is applied to the pond area of open cooling circuits by shot dose. Application should be between 5 and 20ml /m³ of circuit volume depending upon the species of organism present and site conditions. Dosage should be related to circuit volume plus two hours bleed to ensure sufficient contact time at optimum concentration particularly where fungal and algal growth are problem.</p> <p>The frequency of dosing to the pond should be related to the site operating conditions. Local engineering will advise accordingly.</p> <p>Care should be taken when applying higher levels of A-520 as there may be foaming. Foaming is also possible where the water is lean or softened. In cases where foaming is suspected A-492 antifoam should be applied prior to dosing with A520.</p>												
TECHNICAL DATA	<table><tr><td>Appearance</td><td>: pale brown liquid</td></tr><tr><td>pH as supplied</td><td>: 8.2 approximately</td></tr><tr><td>Specific Gravity</td><td>: 1.00</td></tr><tr><td>Flash point</td><td>: Non-flammable</td></tr><tr><td>Packaging</td><td>: 25 and 200 litre containers</td></tr><tr><td>Transportation</td><td>: class 6.1 (poisonous)</td></tr></table>	Appearance	: pale brown liquid	pH as supplied	: 8.2 approximately	Specific Gravity	: 1.00	Flash point	: Non-flammable	Packaging	: 25 and 200 litre containers	Transportation	: class 6.1 (poisonous)
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HEALTH AND SAFETY INFORMATION

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POTENTIAL HAZARDS	Toxic in contact with skin and if swallowed.
HANDLING & STORAGE	Keep out of reach of children. Avoid skin and eye contact. Do not ingest. Store away from food stuff. Replace cap securely after use. Avoid extremes of temperature. Recommended storage limit – 2 years.
PROTECTIVE EQUIPMENT	Water protective overalls, rubber gloves and eye/face protection.
SPILL PROCEDURES	Flush to drain with plenty of water. Do not allow product directly into rivers or water sources. Observe local disposal regulations.
FIRST AID	EYES: Rinse immediately with plenty of water for at least 10 minutes. Seek medical advice. SKIN: Rinse immediately with plenty of water. Contaminated clothing should be laundered before re-use. INGESTION: Wash out mouth thoroughly and drink plenty of water. Seek medical advice and show this sheet.
OTHER INFORMATION	A-520 contains tri-butyltin oxide. At the recommended in-use concentration A-520 is non-hazardous.