

ATLANTIC WATER TECHNOLOGY LTD

PRODUCT INFORMATION

A-414

GENERAL DESCRIPTION	A-414 is based upon a synergistic blend of Organophosphonate, polymer, a zinc salt and a specially selected copper corrosion inhibitor.
USES	<p>A multi-purpose product, combining: scale, corrosion and deposit inhibition properties.</p> <p>A-414 is suitable for treatment of open cooling circuits with water of all levels of hardness.</p>
COMPATIBILITY	<p>At in-use concentration A-414 is compatible with all normal components found in open cooling circuits and with other <i>Atlantic Water Technology</i> cooling water products.</p> <p>In the neat form A-414, it is corrosive to mild steel, and dosing equipment should be made of stainless steel or plastic.</p>
APPLICATION DATA	<p>A-414 may be used straight from the container or diluted with low hardness water, preferably of softened or condensate quality. A-414 is normally applied to maintain 80-110 ppm of product in the circuit water.</p> <p>The pH of the circuit should not be allowed to exceed 8.5, where A-414 is used.</p>
TECHNICAL DATA	<p>Appearance : colorless liquid</p> <p>Specific gravity : 1.14 ± .01</p> <p>pH as supplied : Less than 1</p> <p>Flash point : non-flammable</p> <p>Packaging : 25 and 200 litre containers</p> <p>Transportation : class 8 (corrosive)</p>

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HEALTH AND SAFETY INFORMATION

A-414

POTENTIAL HAZARDS	Irritating to eyes, skin and mucous membranes.
HANDLING & STORAGE	Avoid contact with skin and eyes. Avoid extremes of temperature. Store away from alkalis. Replace lid after use.
PROTECTIVE EQUIPMENT	Wear protective overalls, rubber gloves and eye protection.
SPILL PROCEDURES	Flush to drain with plenty water. Do not discharge into rivers or water courses. Observe local disposal regulations.
FIRST AID	EYES: Rinse immediately with plenty of water for at least 10 minutes and seek medical advice. SKIN: Rinse immediately with plenty of cold or cool water. Contaminated clothing should be laundered before re-use. INGESTION: Wash out mouth thoroughly and drink plenty of water. Do not induce vomiting.
OTHER INFORMATION	At the recommended in-use concentration A-414 is non-hazardous.