

ATLANTIC WATER TECHNOLOGY LTD

PRODUCT INFORMATION

A-442

GENERAL DESCRIPTION	A-442 is a liquid product based upon a blend of inorganic non toxic corrosion inhibitors.
USES	To protect domestic hot water and cold water systems from scale deposition and corrosion. A-442 is suitable for water of all qualities.
COMPATIBILITY	A-442 is compatible with all components normally used in water circuits. A-442 is compatible with other Atlantic Water Technology products at the recommended dosage levels.
APPLICATION DATA	<p>It is recommended that A-442 is applied initially at the rate of 60 ml/m³ of flow. This dosage rate should be maintained for 7-14 days to lay a protective film of treatment on the metal surface.</p> <p>Subsequent maintenance dosing should be at the rate of 20-30 ml/m³ of flow.</p> <p>A-442 may either be applied in neat concentrate form or may be diluted using clean softened or distilled water. The recommended in use concentrations comply with the World Health Organization (WHO) limits for potable water. A-442 has Department of Environment (U.K.) approval for application to domestic and potable water supplies.</p> <p>A-442 should not be applied to systems where the temperature of the water is consistently above 75°C or the pH is above 8.5. Hydrolysis of the product to the orthophosphate will occur leading to deposition of phosphates and carbonates.</p>
TECHNICAL DATA	<p>Appearance : colorless liquid.</p> <p>Specific gravity : 1.28</p> <p>pH as supplied : 12 approximately</p> <p>Flash point : non-flammable</p> <p>Packaging : 25 and 200 litre containers</p> <p>Transportation : non-hazardous</p>

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HEALTH AND SAFETY INFORMATION

A-442

POTENTIAL HAZARDS	Not irritating to skin and mucous membranes.
HANDLING & STORAGE	Avoid extremes of temperature. Store away from foodstuffs and combustibles. Do not allow to dry out – replace cap securely after use. Do not mix with acids. Avoid contact with skin and eyes. Recommended storage limit is 2 years.
PROTECTIVE EQUIPMENT	Wear protective overalls, gloves and eye/face protection.
SPILL PROCEDURES	Flush to drain with plenty water. 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 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-442 is non hazardous.