

ATLANTIC WATER TECHNOLOGY LTD

PRODUCT INFORMATION

A-481

GENERAL DESCRIPTION	A-481 is a blend of tannins, alkali and polymer, plus other specific corrosion inhibitors giving a multi-purpose product for application to closed circuits to protect them against corrosion, scale and deposits.
USES	A-481 is designed to give protection to circuits of all temperatures from closed cooling and chilled water circuits to pressurized heating circuits.
COMPATIBILITY	<p>A-481 is compatible at the recommended levels with all components normally used in closed circuits.</p> <p>A-481 is compatible with all other Atlantic Water Technology products at the recommended dosage levels.</p>
APPLICATION DATA	<p>A-481 is applied to produce pH in the circuit of 8.5 to 10.0 and a tannin residual of 120-140 ppm. Dosing rate is 4.5 litres/m³ of system volume. Maintenance dosing will be at the same rate related to make-up quantities.</p> <p>Undiluted A-481 is alkaline and may soften rubber seals and components. Mild steel and plastic dosing equipment or dosing pots are used normally to apply the product to the circuit. Dilution, if required, should be with clean low hardness water such as softened or condensate.</p>
TECHNICAL DATA	<p>Appearance : brown liquid</p> <p>Specific gravity : 1.19</p> <p>pH as supplied : 12.5</p> <p>Flash point : non-flammable</p> <p>Packaging : 25 or 200 litre containers</p> <p>Transportation : class 8 (corrosive)</p>

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HEALTH AND SAFETY INFORMATION

A-481 (as supplied)

POTENTIAL HAZARDS

Corrosive substance. Causes burns.

HANDLING & STORAGE

Keep out of reach of children.

Avoid contact with skin and eyes.

Avoid extremes of temperature.

Store away from foodstuff and combustibles.

Do not allow to dry out - replace cap securely after use.

Recommended storage limit – 2 years.

PROTECTIVE EQUIPMENT

Wear protective gloves and goggles when handling the concentrate.

SPILL PROCEDURES

Flush to drain with plenty water.

Observe local disposal regulations.

FIRST AID

EYES: Rinse immediately with plenty of water, if irritation persists, seek medical advice.

SKIN: Wash well with plenty of water. Contaminated clothing should be removed and laundered before re-use.

INGESTION: Wash out mouth thoroughly and drink plenty of water. Do not induce vomiting, and seek medical advice.

OTHER INFORMATION

A-481 contains sodium hydroxide.

At the recommended in-use concentration, A-481 is non-hazardous.