

# ATLANTIC WATER TECHNOLOGY LTD

## PRODUCT INFORMATION

### A-153

<b>GENERAL DESCRIPTION</b>	A-153 is a polymer based treatment.
<b>USES</b>	<p>For application to boilers and boiler feed lines to inhibit the deposition of hardness salts. The calcium, magnesium and other insoluble salts are precipitated as a mobile floc easily removed by blow-down.</p> <p>A-153 is also effective for open and closed cooling circuits and for scale inhibition in sea water.</p>
<b>COMPATIBILITY</b>	<p>A-153 applied in boilers and cooling circuits to maintain between 20 and 30 ppm in the water. Under some conditions the product may require shot dosing or may also be required at higher levels. Advice will be given accordingly after site survey. With evaporators, it is customary to apply at lower dose to maintain 30 ppm in fresh water generators.</p> <p>Where A-153 is applied by dosing pump, it is usual to dilute the concentration by at least 10 times with good quality softened water or condensate.</p> <p>A-153 is normally used together with an oxygen scavenger such as A-212 or A-202</p>
<b>APPLICATION DATA</b>	The level of A-153, applied to evaporators, will depend upon the design and operating conditions of the evaporator. Local engineers will advise accordingly. Application rate is normally between 1.5 and 4ml/m <sup>3</sup> feed water. This is equivalent to 2-5 ppm. A-153 is freely soluble in water and may be diluted in water for convenience of dosing. Condensate quality diluent only should be used.
<b>TECHNICAL DATA</b>	<p>Appearance : Clear amber colored liquid</p> <p>Specific Gravity : 1.08</p> <p>pH : 7.5 – 8.1</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-153

<b>POTENTIAL HAZARDS</b>	Should cause no adverse effect under normal circumstances.
<b>HANDLING &amp; STORAGE</b>	Avoid extremes of temperature. Minimum storage temperature is 1° C. Replace cap securely after use. Recommended storage limit – 2 years.
<b>PROTECTIVE EQUIPMENT</b>	Wear gloves and eye/face protection
<b>SPILL PROCEDURES</b>	Flush to drain with plenty water. Observe local disposal regulations.
<b>FIRST AID</b>	<b>EYES:</b> Rinse immediately with plenty of water. If irritation persists seek medical advice. <b>SKIN:</b> Rinse immediately with plenty of water. <b>INGESTION:</b> Wash out mouth with water and drink plenty of water.