

# ATLANTIC WATER TECHNOLOGY LTD

## PRODUCT INFORMATION

### A-214

<b>GENERAL DESCRIPTION</b>	A-214 is based upon catalyzed sodium sulfite, anti-precipitants, sludge conditioners and alkalinity builders.												
<b>USES</b>	A-214 is specially formulated for use in steam generators and boiler plant, where A-214 combines the functions of rapid oxygen scavenging, prevention of scale deposition and also giving alkalinity control in a single stable product.												
<b>COMPATIBILITY</b>	A-214 is compatible at in-use concentrations with all components of steam generators and boiler plant. Standard dosing equipment in plastic or mild steel is suitable.												
<b>APPLICATION DATA</b>	A-214 should be dosed continuously to the boiler feed water. Dosing rate is dependent on the feed water temperature and the related oxygen level. The dosage will normally be in the range of 40 -80 ml/m <sup>3</sup> feed to maintain the sulfite reserve between 30-70 ppm in the boiler water. If dilution is required for dosing, use clean low-hardness water. Diluted A-214 should be freshly prepared.												
<b>TECHNICAL DATA</b>	<table><tr><td>Appearance</td><td>: light clear yellow liquid</td></tr><tr><td>Specific gravity</td><td>: 1.28 ± 0.01</td></tr><tr><td>pH as supplied</td><td>: 8.7</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 8 (corrosive)</td></tr></table>	Appearance	: light clear yellow liquid	Specific gravity	: 1.28 ± 0.01	pH as supplied	: 8.7	Flash point	: non-flammable	Packaging	: 25 and 200 litre containers	Transportation	: class 8 (corrosive)
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## HEALTH AND SAFETY INFORMATION

### A-214

#### POTENTIAL HAZARDS

A-214 is alkaline and is corrosive to skin and tissue.

#### HANDLING & STORAGE

Avoid splashing, spillage, eye and skin contact.

Avoid extremes of temperature.

Replace lid securely after use.

Recommended storage limit – year maximum.

#### PROTECTIVE EQUIPMENT

Wear suitable protective clothing, rubber gloves and eye/face protection when handling the concentrated product.

#### SPILL PROCEDURES

Flush to drain with copious quantities of water.

Observe local disposal regulations.

#### FIRST AID

**EYES:** Rinse immediately with clean water. Seek medical attention.

**SKIN:** Wash affected area with clean water. Remove contaminated clothing. If irritation persists or large areas of skin are affected seek medical advice.

**INGESTION:** immediately wash out mouth thoroughly with water, drink plenty of water. Do not induce vomiting. Obtain medical attention.

#### OTHER INFORMATION

A-214 is based on sodium sulfite, sodium hydroxide and organic dispersants.