

ATLANTIC WATER TECHNOLOGY LTD

PRODUCT INFORMATION

A-1020

GENERAL DESCRIPTION A-1020 is Phosphonate based treatment designed to prevent scale formation. A-1020 acts by restricting the growth of crystals of hardness salts thereby retarding their fouling potential.

USES A-1020 is specifically designed for applications to prevent hardness salt scaling or reverse osmosis membranes.

COMPATIBILITY A-1020 is compatible at the levels recommended with the membranes and other components of reverse osmosis plants and systems.

APPLICATION DATA A-1020 should be dosed on a continuous basis whether directly from the container or diluted with clean low hardness water such as softened or distilled quality. Dilute solutions are stable and may be prepared to last several weeks. The product should be dosed to the feed water on the basis that when concentrations of the water soluble salts are taken into consideration 6 ppm of A-1020 will be expected in the reject.

This will usually means a dose rate of 1 – 2 ppm in the feed water. Local engineers will advise you accordingly.

Undiluted A-1020 may be applied by steel or by plastic dosing equipments.

TECHNICAL DATA

Appearance : Clear pale yellow liquid.

Specific gravity : 1.40

pH : 10-11

Flash point : Non-flammable

Packaging : 25 and 200 L containers

Transportation : non-hazardous

ATLANTIC WATER TECHNOLOGY LTD

HEALTH AND SAFETY INFORMATION

A-1020 (as supplied)

POTENTIAL HAZARDS Harmful in contact with skin and if swallowed.

HANDLING & STORAGE

- ♣ Avoid contact with eyes.
- ♣ Avoid extremes of temperature.
- ♣ Replace cap securely after use.
- ♣ Recommended storage limit – 2 years.

PROTECTIVE EQUIPMENT Wear gloves and eye/face protection.

SPILL PROCEDURES

Flush to drain with water.

Observe local disposal regulations.

FIRST AID

EYES: Rinse immediately with plenty of water and seek medical advice.

SKIN: Rinse with plenty of water.

INGESTION: Wash out mouth with water and drink plenty of water or milk. Seek medical advice.