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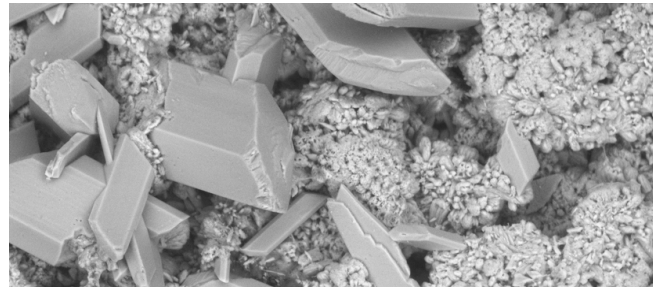
## Genesys DS

### Broad Spectrum Antiscalant for small systems

Genesys DS has been developed as a broad spectrum antiscalant for use in small Reverse Osmosis and Nano-Filtration systems with less than 50 m<sup>3</sup>/day of feed water flow.

It is effective in preventing the formation of calcium carbonate and all other common scaling species at a single dose rate, thus no detailed water analysis is required.

Genesys DS will continue to give maximum membrane protection even when water analyses and operating conditions change.



Inhibits Scale Formation



Prevents Iron Fouling

### Application

Genesys DS should be dosed continuously to the feed water upstream of the cartridge filter and should be diluted with good quality water.

The standard feed water dose rate of Genesys DS is 25 mg/L.

### Health and Safety

Genesys DS is an aqueous solution of phosphonic acid. In its concentrated form, Genesys DS is corrosive to carbon steel so all dosing pumps, storage tanks and pipe-work should be constructed of acid resistant materials.

A material safety data sheet is available on request.

### Classification

CHIP: Irritant | UN: Corrosive

### Packaging

Available in 25 kg kegs and 200 kg drums.

Shelf life is 18 months under normal conditions of storage.

✓ Suitable for Reverse Osmosis (RO) and Nano-Filtration (NF) membranes

✓ Compatible with all polyamide membranes

✓ Replaces acid addition

✓ Allows high recovery rates

✓ Simple test method

✓ Inhibits common scales

- Calcium carbonate/sulphate

- Barium/Strontium sulphate

- Calcium phosphate

- Iron/Manganese

### Typical properties

Appearance: pale colourless liquid

pH as supplied: 1.8 – 2.2

Specific gravity: 1.02 – 1.03

Freezing point: < -3°C

The information provided in this data sheet is believed to be true and accurate.

Genesys International Ltd. accepts no product liability as the use of its products are outside the company's control.