

Genesys DS

Broad Spectrum Anti-scalant

G E N E S Y S
I N T E R N A T I O N A L

www.genesysro.com

The Complete Solution

Inhibits Scale formation



Prevents Iron Fouling



- ✓ Suitable for Reverse Osmosis and Nano-Filtration membranes
- ✓ Compatible with all types of polyamide membrane
- ✓ Allows high recovery rates
- ✓ Replaces acid addition
- ✓ Simple test method
- ✓ Inhibits common scalants
 - ▶ Calcium carbonate/sulphate
 - ▶ Barium/Strontium sulphate
 - ▶ Calcium phosphate
 - ▶ Iron/Manganese

Description

Genesys DS has been developed as a broad spectrum antiscalant for use in small Reverse Osmosis and Nano-Filtration systems with less than 50M³/day of feed water flow. It is effective in preventing formation of calcium carbonate and all common scaling species. It's effectiveness at a single dose rate means that detailed water analysis is not necessary.

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

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 material.

A material safety data sheet is available on request.

Classification

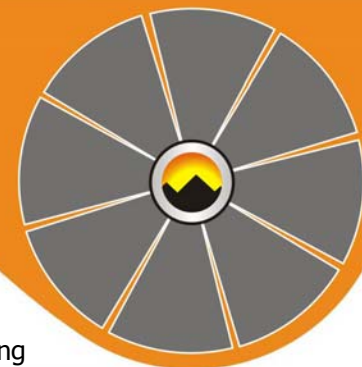
CHIP: Irritant | UN: Corrosive

Typical properties

Appearance: pale colourless liquid
pH as supplied: <2.0
Specific gravity: 1.02 – 1.03
Freezing point: <-3°C

Packaging

Available in 25 kg kegs and 200 kg drums.
Shelf life 18 months under normal conditions of storage.



For more information contact:

Genesys International Ltd.
Unit 4, Ion Path, Road One, Winsford Ind. Estate,
Winsford, Cheshire, CW7 3RG, UK
Tel: + 44 1628 622 195
E-mail: info@genesysro.com
www.genesysro.com

Genesys Latin America - Chile
Genesys North America - USA
Genesys Pacific - Singapore
Genesys Membrane Products - Spain

Release 19/12/2007