

Genesys SW

Sea-water Antiscalant

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

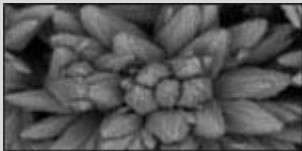
www.genesysro.com

The Complete Solution

Inhibits Scale formation



Calcium Carbonate Specific



- ✓ Suitable for use in Reverse Osmosis(RO) and Nano-Filtration(NF) membranes
- ✓ Compatible with all types of polyamide membrane
- ✓ Particularly effective in high pressure systems working at 50-60% recovery
- ✓ Drinking water approval
- ✓ Replaces acid addition
- ✓ Highly cost effective alternative to SHMP
- ✓ Inhibits common scales
 - ▶ Calcium carbonate
 - ▶ Calcium phosphate
 - ▶ Calcium sulphate

Description

Genesys SW has been developed as a broad spectrum antiscalant for use in sea-water Reverse Osmosis and Nano-Filtration systems. It is highly effective at preventing the formation of inorganic scale thereby reducing the frequency of membrane cleaning and replacement.

Genesys SW allows systems to be designed and operated at their optimum rate of recovery, reducing the amount of feed water used and concentrate to be discharged. Consequently significant cost savings can be made with both capital and operational costs.

Application

Genesys SW should be dosed continuously to the feed water upstream of the cartridge filter.

Typical dosage rates are 0.8-1.5 mg/L.

The optimum dosage rate can be calculated using the Genesys Membrane Master[®] software. Genesys SW can be diluted and is fully miscible with water in all proportions.

Health and Safety

Genesys SW is an aqueous solution of neutralised carboxylic acid and has been registered for use in drinking water applications.

Genesys SW is compatible with carbon steel and all commonly used materials of construction.

A material safety data sheet is available on request.

Classification

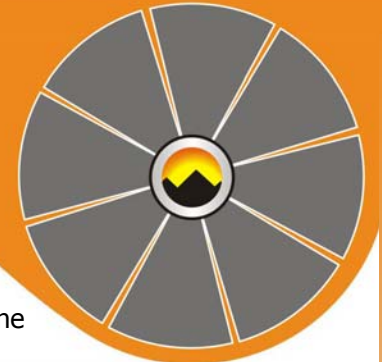
CHIP: Not Classified | UN: Non Hazardous

Typical properties

Appearance: pale yellow liquid
pH as supplied: 8.0 – 8.6
Specific gravity: 1.15 – 1.17
Freezing point: <-0°C

Packaging

Available in 25 kg kegs, 200 kg drums and 1,150 kg IBCs.
The 'shelf life' is two years 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 29/12/2007