

Genesys DW

Antiscalant for Sulphate Removal Systems

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 sulphate specific



- ✓ Developed for use in the offshore oil industry as an antiscalant for SRP membranes
- ✓ Registered by CEFAS with OCNS approval
- ✓ Compatible with DOW Filmtec® SR90-400 membrane
- ✓ Effective at LSI up to +2.6
- ✓ Allows membrane systems to operate at higher rates of recovery
- ✓ Inhibits Common Scalants
 - ▶ Calcium carbonate/sulphate
 - ▶ Barium/Strontium sulphate
 - ▶ Silica
 - ▶ Magnesium hydroxide
 - ▶ Iron/Manganese

Description

Genesys DW has been developed as an antiscalant for membrane systems used in Sulphate Removal Plant in the offshore oil industry.

It is highly effective at preventing all common inorganic scales, including calcium, barium and strontium sulphate, calcium carbonate and calcium fluoride.

Genesys DW is registered by CEFAS for use in the offshore industry and is compatible with the DOW Filmtec® SR90-400 membrane.

Application

Genesys DW should be dosed continuously to the feed water upstream of the cartridge filter. Typical dosage rates are 1-2 mg/L. Genesys DW can be diluted and is fully miscible with water in all proportions.

Health and Safety

Genesys DW is an aqueous solution of a neutralised phosphonic acid classified as non-toxic. Genesys DW is compatible with carbon steel and all commonly used materials of construction. A material safety data sheet is available on request.

Classification

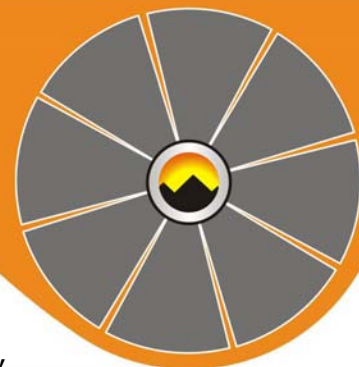
CHIP: Not Classified | UN: Non Hazardous

Typical properties

Appearance: straw coloured liquid
pH as supplied: 9.8 – 10.2
Specific gravity: 1.34 - 1.37
Freezing point: < - 5°C

Packaging

Available in 25 kg kegs, 250 kg drums and 1,300 kg IBC's. Shelf life 2 years under normal conditions of storage.



For more information contact:

Genesys International Ltd.
3A Aston Way, Midpoint 18,
Middlewich, Cheshire, CW10 0HS, UK
E-mail: info@genesysro.com
www.genesysro.com

Release 12/07/2010

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