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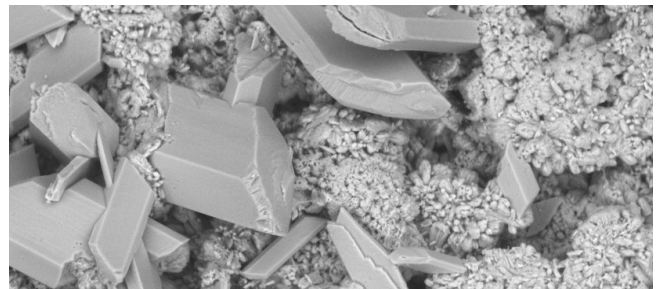
Genesys DW

Antiscalant for Sulphate Removal Systems

Genesys DW has been developed as an antiscalant for membrane systems used in Sulphate Removal Plants 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.



Inhibits Scale Formation



Prevents Iron Fouling

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

Packaging

Available in 25 kg kegs, 250 kg drums and 1,300 kg IBCs.

Shelf life is 2 years under normal conditions of storage.

Typical properties

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

- ✓ 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 scales
 - Calcium carbonate/sulphate
 - Barium/Strontium sulphate
 - Silica
 - Magnesium hydroxide
 - Iron/Manganese

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.