

Genesol 50

Alkaline Chelant Cleaner

Genesol 50 is based on a chelating agent and has been developed as a general-purpose membrane alkaline cleaner for use with Reverse Osmosis and Nanofiltration membranes.

Genesol 50 will remove organic and inorganic based deposits. It is effective against iron fouling and many forms of calcium scale and is an excellent adjunct when used in combination with other Genesol membrane cleaners.

Application

Genesol 50 is highly effective when used as a 2-3% solution at the highest pH recommended by the membrane manufacturer and should be alternately soaked and recycled through the membrane system for at least 3-4 hours. Working with enhanced temperature will also improve the cleaning performance. After cleaning, the membrane system should be thoroughly flushed out, until the pH values of the feed and the discharge are the same.

Genesol 50 can be diluted and is fully miscible with water in all proportions.

Health and Safety

Genesol 50 is a formulation containing ethylene diamine tetracetic acid. It is compatible with carbon steel and commonly used materials of construction.

A material safety data sheet is available on request.

Classification

CHIP: Harmful | UN: Corrosive

Packaging

Available in 25 kg kegs and 250 kg drums.

The shelf life is two years under normal storage conditions.

Typical properties

Appearance:	pale yellow liquid
pH as supplied:	13.0
Specific gravity:	1.29 - 1.31
Freezing point:	< -0°C



Effectively removes Silica Fouling



Removes Organic Fouling

- ✓ Suitable for use in Reverse Osmosis (RO) and Nano-Filtration (NF) membranes
- ✓ Effective against a wide range of organic foulants
- ✓ Effective against iron fouling and inorganic based deposits
- ✓ Used in a wide range of applications
- ✓ Compatible with all polyamide membranes
- ✓ Can be used in combination with other Genesol cleaners
- ✓ Liquid product, easy to use

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