

# Genesol 703

## Membrane Cleaner (Alkaline Powder)

Genesol 703 has been developed as a general-purpose membrane cleaner for an extensive range of organic based foulants found in Reverse Osmosis and Nano-filtration membrane systems. Genesol 703 is particularly effective against aluminium silicate, which can be difficult to remove with conventional cleaners.

### Application

Genesol 703 is highly effective when used as a 1 - 2% solution at the highest pH permitted by the membrane manufacturer. Genesol 703 should be alternately soaked and recycled through the membrane system for 4 - 6 hours. Cleaning with warm cleaning solutions will considerably 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.

Cleaning solutions of Genesol 703 will have a tendency to foam.

Genesol 703 is readily dissolved in water.

### Health and Safety

Genesol 703 is a powder blend of mixed cleaners, including a surfactant, fully biodegradable sequestrant and inorganic phosphate. It is compatible with carbon steel and commonly used materials of construction in membrane plants and CIP installations.

Observe all safety precautions shown in the material safety data sheet, available on request.

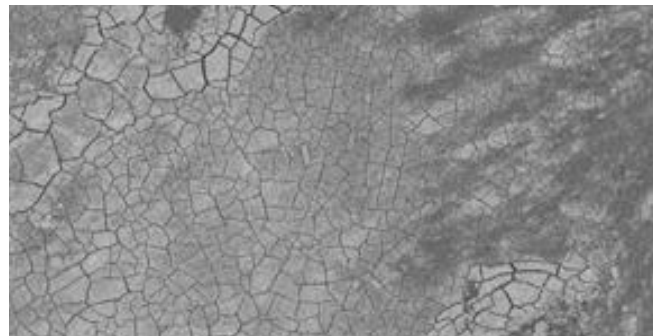
### Packaging

Available in 10 kg, 25 kg drums and 1,000 kg bulk bags.

The shelf life is two years under normal storage conditions. Ensure the packaging remains well sealed and the Genesol 703 remains dry.



Removes Organic Fouling



Effective against Aluminium Silicate

- ✓ Suitable for use in Reverse Osmosis (RO) and Nano-Filtration (NF) membranes
- ✓ Removes most organic and inorganic deposits
- ✓ Cost effective powdered product
- ✓ Compatible with all polyamide membranes
- ✓ Removes aluminium silicate
- ✓ Excellent for alkaline prewash
- ✓ NSF listed

### Typical properties

Appearance:	white powder
pH of a 1% solution:	11.5 - 12.5
Bulk density:	1.3 - 1.4
Freezing point:	not applicable

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.