

# Genesol 703

Membrane Cleaner (Alkaline Powder)

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

[www.genesysro.com](http://www.genesysro.com)

**The Complete Solution**

## 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 pre-wash.
- ✓ NSF registered

### Typical properties

Appearance: white powder  
pH of a 2% solution: 12.0  
Bulk density: 0.95  
Freezing point: not applicable

## Description

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 2 - 3% 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 using Genesol 703 have a tendency to foam.

Genesol 703 can be diluted and is soluble to ~27% w/w in water at 20°C.

## 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.

A material safety data sheet is available on request.

## Classification

CHIP: Corrosive | UN: Corrosive

## Packaging

Available in 10 kg and 25 kg drums.

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



### 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](mailto:info@genesysro.com)

[www.genesysro.com](http://www.genesysro.com)

Genesys Latin America - Chile

Genesys North America - USA

Genesys Pacific - Singapore

Genesys Membrane Products - Spain

Release 02/04/2008