

# Genesol 34

## Alkaline Chelant Cleaner

Genesol 34 is a blended chelating agent and non-ionic surfactant and has been developed as an alkaline general purpose cleaner for membrane systems. Genesol 34 will help to remove both organic and inorganic based deposits. Genesol 34 is classified as 'readily biodegradable' and is an excellent adjunct when used in combination with other Genesol membrane cleaners.

### Application

Genesol 34 should be used as a 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 is strongly recommended to improve the cleaning performance.

Cleaning solutions using Genesol 34 have a tendency to foam. After cleaning, the membrane system should be thoroughly flushed out, until the pH values of the feed and the discharge sides of the membrane are the same.

Genesol 34 can be diluted and is fully miscible with water in all proportions.

### Health and Safety

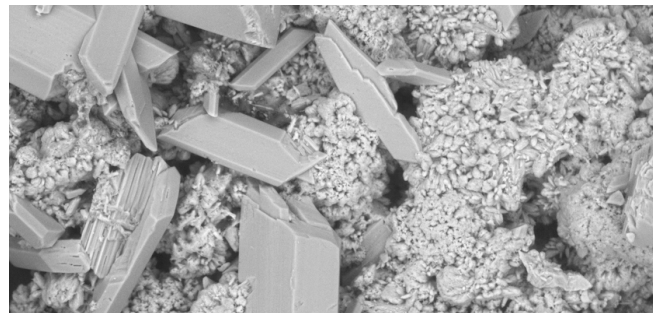
Genesol 34 is an aqueous solution containing iminodisuccinic acid and a non-ionic surfactant. It is compatible with carbon steel and commonly used materials of construction. Observe all safety precautions shown in the material safety data sheet, available on request.

### Packaging

Available in 25 kg kegs, 250 kg drums and 1,300 kg IBCs. The shelf life is two years under normal storage conditions.



Removes inorganic deposits



Effective at removing organic deposits

- ✓ Suitable for use in Reverse Osmosis (RO) and Nano-Filtration (NF) membranes
- ✓ Effective against both organic and inorganic deposits
- ✓ Effective against calcium sulphate
- ✓ Compatible with all polyamide membranes
- ✓ Can be used in combination with other Genesol cleaners
- ✓ Classified as 'readily biodegradable'

### Typical properties

Appearance: colourless to pale liquid  
pH as supplied: 11.0 - 11.5  
Specific gravity: 1.33 - 1.35  
Freezing point: - 0°C

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.