

# Genesol 32

Biocidal Cleaner/Preservative

**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**

## Cleans Biological fouling



## Preservative



- ✓ Suitable for Reverse Osmosis (RO) and Nano-Filtration (NF) membranes
- ✓ Effective against most micro-organisms
- ✓ Long lasting
- ✓ Compatible with all polyamide membranes
- ✓ Easily deactivated to harmless by-products
- ✓ Can be used to clean pre-treatment systems
- ✓ Can be used for membrane preservation and storage

### Typical properties

Appearance: colourless/yellow liquid  
pH as supplied: 3.0 – 5.0  
Specific gravity: 1.04 - 1.09  
Freezing point: < - 1°C

## Description

Genesol 32 is a broad-spectrum biocide for use in cleaning Reverse Osmosis and Nano-Filtration systems. It can be used both on and off-line to eliminate microbiological fouling but when used in potable water applications, Genesol 32 should be used 'off-line'.

Genesol 32 can be used in pre-treatment systems for the prevention of biofouling in pumps, tanks and pipe-work. It is deactivated to harmless by-products by using sodium bisulphite.

## Application

When cleaning fouled membranes 'off-line', Genesol 32 should be dosed at 1,000-1,500mg/L for 6-8 hours. Following use, the membranes should be flushed and cleaned using an alkaline detergent such as Genesol 36 or Genesol 40. When used 'on-line' Genesol 32 should be dosed at 700-1000 mg/L for 8-12 hours once every 5 to 21 days depending on the severity of the fouling.

Genesol 32 has good biostatic properties and can be used for membrane preservation and storage as per the guidelines below:

24-36 hours	300mg/l = 0.03%
36-168 hours	500mg/l = 0.05%
1-4 weeks	800mg/l = 0.08%
1-6 months	1000mg/l = 0.1%
>6 months	drain & refill every 6 months

Genesol 32 can be diluted and is fully miscible with water in all proportions.

## Health and Safety

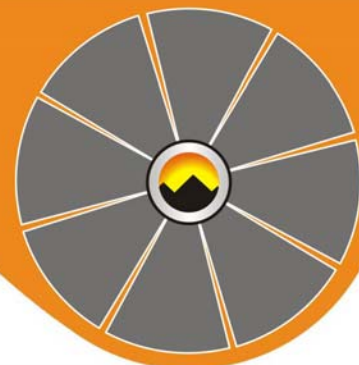
Genesol 32 is an aqueous solution containing mixed isothiazolinones. It is corrosive to carbon steel and certain other alloys so all pumps, pipe-work and tanks should be made from acid resistant material. A material safety data sheet is available on request.

## Classification

CHIP: Irritant | UN: Non Hazardous

## Packaging

Available in 25 kg kegs and 200 kg drums.  
The shelf life is 12 months under normal storage conditions.



### For more information contact:

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