Genesol 32
Biocidal Cleaner/Preservative

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.

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