Genesol 30
Membrane Biocide

**Description**
Genesol 30 is a fast acting, broad-spectrum biocide used for cleaning Reverse Osmosis and Nano-Filtration membranes. It can be used both on and off-line to eliminate microbiological fouling. When used in potable water applications, Genesol 30 should be used ‘off-line’.

Genesol 30 is also effective in removing biofilm from pumps, tanks and pipe-work. Best results are obtained when Genesol 30 is used at a pH 5.5 – 7.0. Residual Genesol 30 can be deactivated to harmless by-products by using sodium bisulphite. Genesol 30 is readily biodegraded in the environment; the degradation rate is enhanced at increasing pH and temperature.

**Application**
When used ‘off-line’ as a membrane cleaner, Genesol 30 should be dosed at 300 mg/L for periods up to 60 minutes. Following use, the membranes should be flushed and cleaned using an alkaline detergent such as Genesol 40 or Genesol 703.

When used ‘on-line’ in non-potable applications Genesol 30 should be dosed at 400mg/l for 30 minutes.

Genesol 30 can be diluted and is fully miscible with water in all proportions.

**Health and Safety**
Genesol 30 is based on an organo-bromine compound. It is corrosive to carbon steel and certain other alloys so all pumps, pipe-work and tanks should be made from acid resistant materials.

A material safety data sheet is available on request.

**Classification**
CHIP: Harmful    |    UN: Corrosive

**Packaging**
Available in 25 kg kegs and 250 kg drums.

The shelf life of Genesol 30 is 12 months when stored in a cool place. At ambient temperatures above 20ºC the shelf life of Genesol 30 may be significantly reduced.

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