

Product Data Sheet TIG Group 710L

Biodegradable Biostat and Disinfectant for RO & NF Membrane Systems

TIG Group 710L is a fast acting, broad spectrum biocide that has been formulated to clean and disinfect Ion Exchange resins, Reverse Osmosis and Nano Filtration membranes. TIG Group 710L is also effective in removing bio-film from pumps, tanks and associated pipe work. Cleaning should be carried out with the system off line. Best results are obtained when TIG Group 710L is used at pH 5.5 – 7.0. Residual TIG Group 710L can be deactivated to harmless by-products by Sodium Bisulphite. TIG Group 710L is readily biodegraded; the degradation rate is enhanced at increasing pH and temperature.

- Fast acting, broad spectrum biostat
- Compatible with most IX resin, RO/ NF membranes
- Liquid product, easy to use
- Can be deactivated for safe disposal
- Classified as "Readily Biodegradable"

TIG Group 710L application

- TIG Group 710L should be applied at 300g/m³ and circulated for periods up to 60 minutes
- Following use, the membrane system should be flushed then cleaned with TIG Group 112P or 110L
- TIG Group 710L can be diluted and is fully miscible with water in all proportions
- Contact TIG Group for technical advice

Typical Properties

- Liquid formulation
- Appearance: pale orange
- pH as supplied: 1.5 to 4.5
- S.G. at 20° C: 1.2 to 1.3
- Freezing point: <-5° C
- Fully miscible with water in all proportions

Health and Safety:

TIG Group 710L has been formulated based on an organo-bromine
A material safety data sheet is available upon request.

Classification:

CHIP Classification: Harmful UN Classification: Corrosive

Material Compatibility:

TIG Group 710L is corrosive to carbon steel and some alloys. All pumps, pipework and tanks should be made of corrosion resistant materials.

Packaging and shelf life:

TIG Group 710L is available in 25 and 200 kg containers.
The shelf life of TIG Group 710L has been assessed at 12 months if kept cool, less at temperatures above 20°C

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