

TriPol™ 9010

Antiscalant/Dispersant



NSF/ANSI Standard 60
10 mg/L

TriPol 9010 is a multi-component liquid antiscalant that was scientifically formulated to provide advanced inhibition of scaling and fouling due to iron, carbonate, sulfate, and fluoride compounds. These compounds have historically limited system recoveries, which negatively impacts system economics. TriPol 9010's superior control of scaling and iron fouling, at minimal required dosages, provides lower operational costs through reduced cleaning requirements, extended membrane life, and increased system recovery capabilities.

- Enhanced carbonate scale control
- Superior control of sulfate scales
- Enhanced iron dispersant capability

PROVEN PERFORMANCE

With MICRODYN-NADIR's personalized technical support and the proper implementation of TriPol 9010, our customers have seen system recovery rates increase to 75% and beyond with feed waters that formerly restricted recovery rates due to high carbonate scaling potential (>2.6 LSI), and above average levels of iron, silica, and phosphate in their system concentrate (at 75% recovery).

APPLICATION

TriPol 9010 is metered into the feed water at a point where turbulent flow will ensure adequate chemical mixing prior to entering the RO or NF system. This is usually done prior to the cartridge filters and high pressure pump. Dosing rates vary depending on feed water quality and recovery but normally run between 2 and 5 ppm. For exact dosing for larger systems, contact MANN+HUMMEL Water & Fluid Solutions Technical Service. TriPol 9010 contains a dispersant and can be used if there is iron or other metal hydroxides in the feed water.

SATURATION LIMITS

Max. Langlier Saturation Index	+2.6*	*Indicates levels in the concentrate. Levels may be exceeded on occasion. Contact MICRODYN-NADIR for more information.
Max. CaSO ₄ Saturation	300%*	
Max. SrSO ₄ Saturation	800%*	
Max. BaSO ₄ Saturation	10,000%*	
Silica	+120%*	

PACKAGING

TriPol 9010 is shipped as a liquid in 5 gallon plastic pails or 55 gallon plastic drums.

SDS INFORMATION

For the most up to date SDS information, please contact MANN+HUMMEL Water & Fluid Solutions Technical Service or visit our website at www.microdyn-nadir.com.

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