

# TriPol™ 9510

## Antiscalant/Dispersant



NSF/ANSI Standard 60  
10 mg/L

TriPol 9510 is a multi-component liquid antiscalant that was scientifically formulated to provide advanced inhibition of scaling and fouling due to silica, iron, carbonate, sulfate, and fluoride compounds. These compounds have historically limited system recoveries, which negatively impacts system economics. TriPol 9510's superior control of scaling and silica fouling, at minimal required dosages, provides lower operational costs through reduced cleaning requirements, extended membrane life, and increased system recovery capabilities.

- Industry leading silica dispersant capability
- Superior control of sulfate scales
- Enhanced iron dispersant capability

### PROVEN PERFORMANCE

With MICRODYN-NADIR's personalized technical support and the proper implementation of TriPol 9510, our customers have seen system recovery rates increase to 75% and beyond with feed waters that formerly restricted recovery rates due to high levels of silica (>280 ppm) and scaling potential (>2.8 LSI) in their system concentrate (at 75% recovery).

### APPLICATION

TriPol 9510 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 MICRODYN-NADIR Technical Service. Since this product is anionic in nature, care should be taken when using cationic polyelectrolytes in the pretreatment system.

### SATURATION LIMITS

Max. Langlier Saturation Index	+2.8*
Max. CaSO <sub>4</sub> Saturation	400%*
Max. SrSO <sub>4</sub> Saturation	1,200%*
Max. BaSO <sub>4</sub> Saturation	12,000%*
Silica	+250%*

\*Indicates levels in the concentrate. Levels may be exceeded on occasion. Contact MICRODYN-NADIR for more information.

### PACKAGING

TriPol 9510 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 MICRODYN-NADIR Technical Service or visit our website at [www.microdyn-nadir.com](http://www.microdyn-nadir.com).

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