

# TriPol™ 8150

## Antiscalant/Dispersant



NSF/ANSI Standard 60  
4 mg/L

TriPol 8150 is a multi-component liquid antiscalant that was scientifically formulated to provide the highest levels of inhibition of scaling and fouling due to manganese, iron, carbonate, sulfate, and fluoride compounds. These compounds have historically limited system recoveries, which negatively impacts system economics. TriPol 8150'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 sulfate control
- Superior control of carbonate scale
- Enhanced manganese dioxide scale control

### PROVEN PERFORMANCE

With the use of MICRODYN-NADIR's personalized technical support and the proper implementation of TriPol 8150, 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 elevated levels of sulfate and manganese scaling potential in their system concentrate (at 75% recovery).

### APPLICATION

TriPol 8150 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. Exact dosing for larger systems can be provided by MICRODYN-NADIR Technical Service. TriPol 8150 contains a dispersant and can be used if there is iron or other metal hydroxides in the feed water. 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	+2.6*
Max. CaSO <sub>4</sub> Saturation	500%*
Max. SrSO <sub>4</sub> Saturation	1,500%*
Max. BaSO <sub>4</sub> Saturation	12,500%*
Silica	+120%*

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

### PACKAGING

TriPol 8150 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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