

Hypersperse* MSI300

Antiscalant / Antifoulant

- Certified for use in producing potable water. (Certified to NSF/ANSI Standard 60).
- Superior control of silica, calcium carbonate, calcium sulfate, barium sulfate, and strontium sulfate scales.
- May be fed neat or diluted.
- Compatible with all of the leading RO membranes.
- Maintains cleaner membrane surfaces by dispersing particulate foulants.
- Effective over a wide pH range. Compatible with feedwaters that contain aluminum and iron oxides.

Description and Use

Hypersperse* MSI300 is a highly effective liquid antiscalant/antifoulant specifically designed for silica scale. It is the only silica inhibitor with extensive, actual pilot study data for efficacy on membrane systems applications. Data shows effective control of silica up to 240 ppm although applications on variant water sources may establish even higher limits. Use of this product provides longer run times and extended element life resulting in reduced operating and capital costs.

Typical Applications

For maximum effectiveness, Hypersperse MSI300 should be added prior to the static mixer or cartridge filter housing. It can be fed neat (undiluted) directly from the shipping container or can be diluted (see below).

Maximum dosage is 10 mg/L and maximum recommended dilution is 10% with RO permeate or DI water at typical operating temperatures (<30°).

Treatment and Feeding Requirements

Typical dosage range is between 2 and 6 mg/L.

Important Note: Over and under-dosing may cause membrane fouling, so please contact your local GE representative to define the optimal feedpoint and dosage rate.

Packaging Information

Hypersperse MSI300 is a liquid material, available in a wide variety of customized containers and delivery methods. Contact your GE sales representative for details.

Safety Precautions

A Material Safety Data Sheet containing detailed information about this product is available on request.



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