

# Hypersperse\* MDC707

## antiscalant / antifoulant

- Certified for use in producing potable water. (Certified to NSF/ANSI Standard 60).
- Effectively controls scales including calcium phosphate, calcium carbonate up to LSI +3.0, calcium sulfate, barium sulfate, and strontium sulfate
- Maintains cleaner membrane surfaces by inhibiting the nucleation and growth of crystalline scales
- Compatible with SoliSep\* MPT150 coagulant
- Compatible with feedwaters that contain aluminum and iron oxides.
- Compatible with all of the leading RO membranes
- Compatible with feedwaters that contain aluminum and iron oxides
- Effective over a wide pH range
- May be fed neat or diluted

### description and use

Hypersperse MDC707 is a highly effective liquid antiscalant/antifoulant developed to control scale precipitates and reduce particulate fouling within membrane separation systems. This product is specifically formulated to be used with SoliSep MPT150 coagulant. It is imperative that the coagulants used are compatible with the antiscalant/antifoulant injected. Incompatible chemicals may cause membrane fouling.

### typical applications

For maximum effectiveness, Hypersperse MDC707 should be added prior to the static mixer or cartridge filter housing.

## Water Technologies & Solutions fact sheet

### treatment and feeding requirements

**Dosing** - Typical dosage range is between 1 and 3 mg/l (ppm) on the membrane system feedwater volume.

Please contact your local SUEZ representative to define the optimal feed point and dosage rate.

**Dilution** - Maximum dilution is temperature related:

<u>Temperature, °C</u>	<u>Maximum Dilution, %</u>
<30	10
30-35	25
>35	50

### packaging information

Hypersperse MDC707 is a liquid material, available in a wide variety of customized containers and delivery methods. Contact your SUEZ representative for details.

### storage and handling

Corrosion-resistant materials should be used for the storage and preparation of this product. Please consult your SUEZ representative for details.

### safety precautions

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

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