

## Water Technologies & Solutions fact sheet

# Hypersperse\* MDC701

## antiscalant / antifoulant

- Excellent results as a replacement for softener-filters
- Compatible with SoliSep\* MPT150 coagulant
- Highly effective over a wide-range of waters – for calcium-based and sulfate-based scales, notably, barium sulfate
- Compatible with all of the leading RO membranes
- Maintains cleaner membrane surfaces by inhibition and dispersing particulate foulants
- Effective over a wide pH range
- May be fed neat or diluted
- Compatible with feedwaters that contain aluminum and iron oxides

### Description and Use

Hypersperse\* MDC701 is a highly effective liquid antiscalant/antifoulant developed to control scale precipitates and reduce particulate fouling within membrane separation systems. This highly effective liquid antiscalant/antifoulant is formulated specifically to be used with SoliSep MPT150 coagulant. It is imperative that the coagulants used are compatible with the antiscalant/antifoulant being injected as incompatible chemicals may cause membrane fouling.

### Application

For maximum effectiveness, Hypersperse MDC701 should be added prior to the static mixer or cartridge filter housing.

Maximum dilution of Hypersperse MDC701 is 10% with RO permeate or DI water.

### Dosing

Typical dosage range is between 1 and 6 mg/L.

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

### Maximum Dilutions

Maximum dilution is temperature related as shown:

Temperature	Maximum Dilution %
<30°C	10
30 – 35°C	25
>35°C	50

### Packaging Information

Hypersperse MDC701 is a liquid material, available in a wide variety of customized containers and delivery methods. Contact your SUEZ sales representative for details.

### Storage and Handling

Keep from freezing.

### Safety Precautions

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



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