

Water Technologies & Solutions fact sheet

Hypersperse* MDC702

antiscalant / antifoulant

- Compatible with SoliSep* MPT150 coagulant
- Effectively controls scales including calcium carbonate up to LSI +3.0, calcium sulfate, barium sulfate, and strontium sulfate
- Compatible with all of the leading RO membranes
- Maintains cleaner membrane surfaces by 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 MDC702 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.

packaging information

Hypersperse MDC702 is a liquid material, available in a wide variety of customized containers and delivery methods. Contact your SUEZ sales representative for details.

application

For maximum effectiveness, Hypersperse MDC702 should be added prior to the static mixer or cartridge filter housing.

For potable applications the maximum dosage is 10 mg/L. Maximum dilution is 10% with RO permeate or DI water.

dosing

Typical dosage range is between 3 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 below.

<u>Temperature</u>	<u>Maximum Dilution, %</u>
<30°C (86°F)	10
30-35°C (86-95°F)	25
>35°C (95°F)	50

safety precautions

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



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