

Water Technologies & Solutions fact sheet

Hypersperse* MDC150

antiscalant / antifoulant

- Certified for use in producing potable water. (Certified to NSF/ANSI Standard 60).
- Offers superior control of calcium carbonate and calcium sulfate scales. Good control of barium sulfate and strontium sulfate scales.
- 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 MDC150 is a highly effective liquid antiscalant/antifoulant developed to control scale precipitates and reduce particulate fouling within membrane separation systems. It is imperative that the coagulants used are compatible with the antiscalant/antifoulant being injected as incompatible chemicals may cause membrane fouling. This highly effective liquid antiscalant/antifoulant is formulated to be compatible with coagulants. Check with your SUEZ representative to confirm coagulant compatibility.

typical applications

For maximum effectiveness, Hypersperse MDC150 should be added prior to the static mixer or cartridge filter housing.

Maximum recommended dilution is 10% with RO permeate or DI water at room temperature.

treatment and feeding requirements

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

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

packaging information

Hypersperse MDC150 is a liquid material, available in a wide variety of customized containers and delivery methods. Contact your SUEZ sales representative for details.

safety precautions

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

The Lenntech logo, featuring the word "LENNTECH" in a blue, italicized sans-serif font.

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