

Water Technologies & Solutions fact sheet

SoliSep* MPT132

polymeric coagulant

- NSF approved for potable water use (certified to NSF/ANSI Standard 60)
- Good all-around product
- Targets high NTU and color surface water
- Forms fast settling floc
- Effective over a wide pH range
- Efficient, economical and easy to feed
- Increases resistance to filter breakthrough
- Reduces backwash waste.
- Compatible with and proven not to foul thin film composite membranes when used as directed

description and use

SoliSep MPT132 is a strongly cationic, low molecular weight, liquid coagulant. It is designed to function in a SUEZ treatment program as a primary coagulant for removal of colloidal material from surface waters and recycled process waters.

SoliSep MPT132 is NSF approved for use in potable water applications at a feed rate up to 10 ppm (mg/L).

SoliSep MPT132 produces excellent quality water through multimedia filters used as pretreatment for Reverse Osmosis and other membrane systems. It is particularly recommended for use in high turbidity water and is very effective in removing color from surface waters.

application

SoliSep MPT132 can be fed neat upstream of the multimedia filter. SoliSep MPT132 can also be diluted with good quality water (permeate or DI water being best) to any ratio less than 10% to meet the chemical feed pump capacity requirements.

SoliSep MPT132 is compatible with a wide range of materials of construction including aluminum, polyethylene, and polypropylene. Consult your SUEZ representative for more information in the selection of tanks, piping, and fittings.

Note: Incompatible antiscalant/antifoulant and coagulants may congeal and cause severe membrane fouling. SoliSep MPT132 should only be used in combination with compatible Hypersperse* MDC products such as Hypersperse MDC150 and Hypersperse MDC220.

dosing information

Typical dosing range is between 1 and 6 ppm (mg/L). For high NTU waters, higher doses up to 20 ppm might be required and bench testing is recommended to confirm dose levels.

Over and under-dosing may decrease filtration efficiency. To assist you, our Sales Engineers are available to provide custom dosages for your application.

packaging information

SoliSep MPT132 is a liquid material, available in a wide variety of customized containers and delivery methods. Contact your SUEZ sales representative for delivery and packaging alternatives.

storage and handling

Store SoliSep MPT132 at moderate temperatures of 40 to 90°F (4 to 32°C) and protect from freezing. If frozen, thaw and mix thoroughly prior to use.



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To ensure maximum coagulation activity, this product should be used within six months, although it is generally stable for up to one year.

safety precautions

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

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