

SoliSep* MPT100

coagulant/flocculant

- Lower dosage requirements and superior resistance to filter breakthroughs compared to metal coagulants.
- Superior color removal properties compared to organic polymers
- Compatible with all the leading RO membranes when used as directed
- Compatible with Hypersperse* MDC150 and Hypersperse MDC220 antiscalant/antifoulants
- Effective over a wide pH range

description

SoliSep MPT100 is a blend of inorganic and organic coagulants. It is designed to improve significantly the efficiency of colloidal solids removal by direct filtration processes, including multi-media filters and micro-filters. SoliSep MPT100 may also be used as a coagulant/flocculant in flocculators and clarifiers.

application

For direct filtration applications, SoliSep MPT100 should be added just upstream of the filtration process. Static mixers are not required to obtain uniform mixing.

For use in flocculators/clarifiers, SoliSep MPT100 should be added directly upstream of the flash mixer.

dosing

Typical dosage ranges between 5 and 30 ppm (mg/L), depending upon the specific feed and application.

Water Technologies & Solutions fact sheet

Overdosing of coagulant may decrease filtration efficiency. To assist you, our technical service engineers are available to provide custom dosages o your application.

Important Note: Incompatible antiscalants may precipitate with this formulation and cause severe membrane fouling. SoliSep MPT100 should be used in conjunction with Hypersperse MDC150 or Hypersperse MDC220 to avoid precipitation reactions.

Dilution: Maximum dilution is 10% with RO permeate or DI water.

packaging information

SoliSep MPT100 is a liquid material, available in a wide variety of containers and delivery methods. Contact your SUEZ representative for details.

materials compatibility

Corrosion-resistant equipment should be used for the storage, preparation, and use of this product per the following compatibility chart:

Rating	Material
A	Butyl, Viton A, Buna N, EPR, Natural Rubber, Viton Lithurge, Polyethyl HD & LD, PVC Kynar, Nylon, Polyethyl HDCL, Polypropylene, Polysulfone, Teflon
B	Hypalon, Neoprene, Tygon

C	
X	LCS, LB, AI, SS

(Tygon is a registered trademark of Saint-Gobain Corporation, Viton and Teflon are registered trademarks of Dupont, Kynar is a registered trademark of Arkema Inc.)

safety precautions

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

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