

Italmatch RO Chemicals

Silica Selective AntiScalant



Physical and chemical product properties

Appearance	clear yellow liquid
pH	2.5
Boiling point	> 100° C
Specific gravity (20° C)	1.23
Flash point	nonflammable aqueous solution

● Chemical reactivity

DEQUEST SPE 0108 is not affected by chlorine or other oxidizing biocides. DEQUEST SPE 0108 should be injected in membrane systems after chlorine and sodium metabisulphate with residual cationic polymers from the pre-treatment.

● Application and dosage level

DEQUEST SPE 0108 is an aqueous solution and corrosive in it's concentrated form. Corrosion resistant dosing equipment must be used. Suitable materials are PVC, Glass lining, Glass reinforced plastic, PP or HDPE. The dosage level is dependent on the quality of the feed water. Recommended injection point is into the feedwater, downstream of any filtration equipment and cartridge filters housings. DEQUEST SPE 0108 is miscible with water in all proportions. It may be applied as neat product, or as a solution in permeate water. A minimum dosing Solution strenght of 10% us recommended.

● Packaging and shelf life

DEQUEST SPE 0108 is available in 25 kg pails, 250 kg drums.

Italmatch RO Chemicals

General Purpose AntiScalant/Antifoulant



Physical and chemical product properties

Appearance	clear yellow liquid
pH	2.5
Boiling point	> 100° C
Specific gravity (20° C)	1.23
Flash point	nonflammable aqueous solution

● Chemical reactivity

DEQUEST SPE 0111 is not affected by chlorine or other oxidizing biocides. DEQUEST SPE 0111 should be injected in membrane systems after chlorine and sodium metabisulphate treatment. DEQUEST SPE 0111 is not compatible with residéal cationic polymers from the pre-treatment.

● Application and dosage level

The dosage level of DEQUEST SPE 0111 is dependent on the quality of the feedwater. Recommended injectionpoint is into the feedwater, downstream of any filtration equipment and cartridge filters. DEQUEST SPE 0111 is miscible with water in all proportions. It may be applied as neat product, or as a solution in permeate water. A minimum dosing solution strength of 10% is recommended.

● Packaging and shelf life

DEQUEST SPE 0111 is available in 25 kg pails, 290 kg drums.