

Citric Acid.(C₆H₈O₇)



Application:

- Descaling and Cleaning of Equipment.
- Chelating Agent.
- pH Adjustment.
- Corrosion inhibitor.

Packaging :
Dram

25kg/bag

Hydrochloric Acid (HCL).



Application:

- To remove the hardness of the water.
- Deionization of water.
- Reducing alkalinity.
- Removing heavy metals.
- Removing ammonia.

Packaging :

25/50L Dram

Sodium Metabisulphite (SMBS – $\text{Na}_2\text{S}_2\text{O}_5$)



Application:

- Acts as an antioxidant and preservative in some drug formulations, including vaccines and Injections.
- Used in the formulation of medications containing adrenaline to prevent oxidation.
- DE chlorinates water in municipal and industrial wastewater treatment before Discharge.
- Removes excess chlorine from water used in food and beverage processing.
- Preserves dried fruits, juices, and wines by preventing spoilage and oxidation.
- Bleaches starches and coconut cream.
- Acts as an antimicrobial agent and preservative in seafood and processed Meats.
- Helps in maintaining the color and freshness of various food products.
- Bleaches starches and coconut cream.

Packaging:

25kg/bag

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 its 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 strength of 10% is 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 residual cationic polymers from the pre-treatment.

Application and dosage level

The dosage level of DEQUEST SPE 0111 is dependent on the quality of the feed water. Recommended injection point is into the feed water, 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.