

Inhibits Scale formation



Why Derscalant 80

1) Efficiency:

If disinfection is not done or disinfection is not enough; system equipments may be damaged due to clogging and fouling. Derclear 81 helps to be long-lasting of membrane and equipment at high performance. It contributes to more efficient operation of the process by preventing the problems in the system.

2) Easy usage:

Derclear 81 can be diluted and is fully miscible with water in all proportions.

Composition:

Derclear 81 is an inorganic scale cleaner and iron and manganese deposit remover for use in membrane systems. It is also effective against certain, difficult to clean, organic deposits.



Technical Properties:

Derclear 81 is effective against calcium carbonate, aluminium based foulants, inorganic, iron and manganese deposits. Used at the right concentration, its self-adjusting pH ensures highest solubility of iron salts is achieved.

Physical Properties:

Appearance: Clear liquid

Odor: Odorless

pH: < 1

Dosage:

Derclear 81 is highly effective when used as a 4% solution and alternately soaked and recycled through the membrane system for 1-2 hours.

When using Derclear 81, the cleaning solution pH should be the minimum recommended by the membrane manufacturer, if the pH starts to rise during the cleaning process additional Derclear 81 should be added or the cleaning solution.

After cleaning, Derclear 81 should be slowly neutralised to pH 6-7 using an alkaline solution before discharge.

Before returning the plant to service, the membrane system should be flushed, until the pH of the feed and the concentrate are similar.

Application:

Derclear 81 can be diluted with RO, pure water and demineralized water. It should not be diluted with raw water to avoid precipitation and cloudily. Equipments must be resistant to acid. Automatic dosing system should be used preferably.

Packaging and Storage:

Derclear 81 is a mixture strongly acids and care should be taken when handling it. Derclear 81 should be stored indoor at room temperature. It must be stored in own packaging. Its shape is 25-60 kg polyethylene drums. When stored under proper conditions, shelf life is about 2 years.