

### 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 80 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 80 can be diluted and is fully miscible with water in all proportions.

##### 3) Health and Environment:

Derclear 80 does not contain heavy metals in composition. It is not harmful to the environment and human health.

### Composition:

Derclear 80 is an inorganic scale cleaner and iron deposit remover for use in Reverse Osmosis and Nano-filtration membrane systems.



### Technical Properties:

Derclear 80 is effective against calcium carbonate, aluminium based foulants, inorganic and iron deposits. Used at the right concentration, its self-adjusting pH ensures highest solubility of iron salts is achieved. Derclear 80 is compatible with both polyamide and cellulose acetate membranes and is approved for use in the drinking water applications.

### Physical Properties:

Appearance: Colorless liquid

Odor: Odorless

pH: 1-2

### Dosage:

Derclear 80 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 80, the cleaning solution pH will stabilise at pH 3.5-4.0. If the pH increases above pH 4.3 during the cleaning process, the solution should be discarded and replaced with a fresh solution. It is recommended that the membranes be cleaned at 25-30°C.

### Application:

Derclear 80 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 80 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.

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**DEREN KİMYA SANAYİ VE TİC. A.Ş.**

Kurbağalıdere Cd. Nabızade Sk. No:76/A Hasanpaşa 34722 Kadıköy / İSTANBUL Tel: (0216) 449 67 67 (pbx) Faks: (0216) 449 67 75 info@derenkimya.com.tr