

## DEROCID 108

### Membrane Biocide

#### Structure :

Organo-bromine based reverse osmosis (RO) and nanofiltration (NF) membrane biosolids. Also is a broad spectrum biocide with rapid action.

#### Technical specifications:

DEROCID 108 can be used both online (off-line) and off-line (off-line) to remove microbiological contamination. Drinking water applications should be used off-line. Pumps are effective to destroy the biofilm layer in tanks and piping. Work compatible with the polyamide membranes were the feature.Can be used for cleaning of pre-treatment systems.

#### Physical characteristics

Appearance: Clear straw coloured liquid

Odor: Light

pH (25 ° C): 1,5-5,0

#### Why DEROCID 108

##### **1) Low energy and cost:**

DEROCID 108 has a wide range of action and strong structure which prevents microbiological pollution which may occur in the membranes, contributing to the high performance and long life of the system and equipment. In addition, on-line use saves energy and costs by reducing the frequency of membrane cleaning.

##### **2)Efficiency :**

Failure to do the conditioning prior to filtration or conditioning of the result of the correct disinfection; As a result of the membrane filtration equipment such as clogging and contamination in the system suffer drawbacks. DEROCID 108 contributes to the more efficient operation of the systems by preventing the occurrence of these problems thanks to the strong active substances in its structure.

##### **3)Easy to Use:**

DEROCID 108 is diluted with water and can be mixed with water at all ratios.

#### **4) Health and Environment:**

DEROCID 108 does not contain heavy metals in its structure, it has no harmful effect on the environment and human health.

#### Dosage:

DEROCID 108, a membrane cleaning when used in off-line, 300 mg / L should be dosed for a period of up to 60 minutes. After use, the membranes should be drained and cleaned using an alkaline detergent such as Derclear 90 or Derclear 82.

Cleaning using solutions 50-400 mg/L should be dosed within 30 minutes-120 minutes when using online in applications without drinking water.

#### Application:

DEROCID 108, distilled water, R.O. or diluted with demineralized water. To avoid precipitation, the finds should not be diluted with hard water. The product should be added to the system in the shortest way possible and preferably an automatic dosing system should be used. The parts of the dosing system that come into contact with the product must be acid resistant.

#### Package and Storage

DEROCID 108 should be stored on top of the freezing temperature in its original packaging.

25-60-200 kg P.E Barrel .

Shelf life is 2 years.