

LOW pH REVERSE OSMOSIS MEMBRANE CLEANSER

DESCRIPTION

ROC-3603 is a low pH reverse osmosis membrane cleanser that has been invented especially to eliminate metal hydroxides, calcium carbonate and other related scales from polyamide, polysulfones, and thin film composite membrane surfaces. The progressive, immense strength powder has the following advantages

ADVANTAGES

- Eminently adequate at current temperatures.
- Contains no surface-active agents and is swiftly rinsed away.
- Contains biological acids, chelating agents.
- Low pH construction.
- Adequate for metal hydroxides, calcium carbonate and inorganic scales.

STORAGE AND HANDLING

Inappropriate handling of this product can be harmful to workers. Please refer to MSDS before handling. Do not put near heat sources, open flame, or causes of ignition. Wear chemical splash goggles and chemical resistant gloves to fend off direct and sustained contact with skin. Keep in a restricted and permitted area. Keep storage in a cool, properly-ventilated area. Keep storage firmly locked and sealed until available for usage.

ATTRIBUTES AND PACKAGING

Appearance : White Powder
Bulk Density (g/mL) : 0.85 - 0.95
pH (2.5% Solution) : 3.0 - 4.0
Packaging : 25 Kg Pail

PRECAUTIONARY STATEMENTS

ATTENTION: May lead to eye inflammation. Avert contact with eyes and sensitive skin. Rinse with soap and water after handling and before eating. Take off and wash contaminated clothing before reuse. In case of eye contact, cleanse thoroughly with water for 15 minutes and get medical help if irritation recurs. Rinse skin contact areas with soap and water. If consumed, provide 1-2 glasses of water or milk and cause to happen vomiting by tapping finger into the back of victim's throat. Retrieve medical help. Pay attention to all safety provision shown on the label and in the Material Safety Data Sheet.

UTILIZATION

ROC-3603 can be utilized at temperatures from 15 degrees Celsius up to maximum suggested by the membrane manufacturer. The standard mixture proportion is 25 grams of **ROC-3603** per liter of water.

TECHNICAL SERVICE BACKUP

Our technical service engineers are available to help you to define and solve your problem in the field.

CLEANING DIRECTION

Observe cleaning tank, hoses and cartridge filter. Place new filter elements. Fill cleaning tank with RO permeate. Gradually add 25 grams of **ROC-3603** for each liter of cleaning tank capacity. Carefully mix the cleaning solution by using mixer or by circulating it through a cleaning pump. The solution may be heated to enhance cleaning performance. Do not surpass the membrane manufacturer's temperature restriction. Disseminate the solution through the membrane bank in the supply direction for one hour at the flow rate suggested by the membrane or system manufacturer.