

# MURC 3303

Low & High pH RO pH Membrane Cleaner - Liquid



## WHY MEMBRANE ROUTINE CLEANING ESSENTIAL

All membrane separations systems require regular cleaning in order to maintain consistent production and optimal membrane life. The symptoms of RO fouling include a decrease in normalized permeate flow, an increase in salt passage and an increase in differential pressure. Severe element fouling can lead to irreversible membrane damage and can render cleanings difficult or impossible. A regular maintenance and cleaning programme can provide a significant return on investment by extending system run time, preventing membrane degradation, maintaining lower feed pressures and extending the membrane's life.

## WHAT IS MURC 3303

MURC 3302 liquid membrane cleaners in two grades of pH low and high. To get the optimum cleaning that a phosphate free low pH MURC 3303 is used first to remove inorganic scale and metals. Foulants effectively removed by low pH MURC 3303 include.

(i) Iron (ii) Barium Sulfate (iii) Metal Oxides (iv) Calcium Carbonate (v) Strontium Sulfate (vi) Calcium Sulfate

Primary low pH cleaning followed by a high pH phosphate free MURC 303 is used to remove acid insoluble foulants effectively removed by high pH MURC 3303 include organic (and, some inorganic) materials:

(i) Silt (ii) Colloids (iii) Organics (iv) Microbiological (v) Acid Insoluble (vi) Mucilaginous Material

## CHARACTERISTICS

Appearance	Liquid
Colour	White / Off White / Pale Yellow
Solubility	Easily soluble in water
pH	Available in both low (<3.5) and high (9.5 to 10.5) pH
Specific gravity	1.1-1.54

## APPLICATION

In order to ensure maximum efficiency, our experienced technical staff, after careful and systematic study of plant and water quality, make recommendations for optimum dosages. General dosage of MURC 3303 is 4-5 kg in 100 liter water circulation.

## AVAILABILITY

MURC 3303 is available in various grades for multiple applications. Custom made MURC 3303 is also available to suit for a specific utility.

## STORAGE & HANDLING

MURC 3303 is generally safe but avoid contact with eyes and skin. Do not take internally, Gloves and goggles should be used while handling the product.

Information in this publication, are given to the best of our knowledge, and may be amended without prior notice.



**CLEAN CHEM & ENGINEERS**

AN ISO 9001:2015 CERTIFIED COMPANY

### Postal Address

770/7, Zaidi Nagar Society, Shergarhi Road,  
Meerut- 250 002 (India)  
Cell : 9412202920, 8979322920  
Tel. : 0121 2701746, 2701506  
e-mail : cleanchem@rediffmail.com

### Factory

9 km Stone,  
Vill. Shakarpur  
Hapur Road,  
Meerut-250 003 (India)  
cleanchem1986@hotmail.com

### Regd. Office

136/356, Manzoor Nagar,  
Hapur Road,  
Meerut- 250 002 (India)  
chauhan.murtaza@gmail.com

[www.cleanchemgroup.com](http://www.cleanchemgroup.com)