

DESCRIPTION

DREWCLEAN 2010 is a liquid cleaning formulation based on citric acid and organic sequestrants. DREWCLEAN 2010 removes inorganic mineral scale and metal oxide deposits that develop in water systems that contain high dissolved or suspended solids. DREWCLEAN 2010 holds contaminants in solution thus inhibiting redeposition in other parts of the system prior to discharge.

In marine reverse osmosis systems, DREWCLEAN 2010 removes residual calcium and magnesium carbonate scales that were not completely removed during alkaline cleaning. It is important to complete alkaline cleaning of RO membranes prior to acidic cleaning to prevent the irreversible binding of certain contaminants to the membrane. Thorough alkaline cleaning can be accomplished using products such as DREWCLEAN RO (PCN 7332331).

DREWCLEAN 2010 also removes accumulated inorganic scales and metal oxide deposits from shipboard wastewater piping systems. Struvite – which is of particular concern in marine vacuum toilets – is readily removed with DREWCLEAN 2010.

Always consult the system manufacturers' recommendations for cleaning of system piping and wastewater receiving equipment prior to treatment with DREWCLEAN 2010.

DREWCLEAN 2010 treatment is not recommended for systems containing galvanized metals.

APPLICATION & USE

Offline Cleaning – Wastewater Systems

The dosage and length of cleanup time are dependent on the amount and type of deposits. A typical dosage recommendation for offline cleaning is 1.5% by volume to achieve a pH of 2.5 to 3.0.

Depending on system conditions and metalurgy, a post cleaning rinse may be advisable, check with the system manufacturer or consult with your Drew Marine Representative.

Offline RO Membrane Cleaning

DREWCLEAN 2010 should be dosed at 3.6% of cleaning solution volume, e.g. 3.6 liters per 100 liters of cleaning solution.

Additional recommendations are available in the General Cleaning Tips section of the DREW RO Membrane Cleaning and Maintenance Guide.

Always consult the membrane manufacturers' recommendations prior to the use of DREWCLEAN 2010.

Contact your Drew Marine representative for detailed instructions for the use of DREWCLEAN 2010 to meet the specific needs of your system.

TYPICAL PROPERTIES

Appearance:	Pale yellow liquid
Specific Gravity at 25° C:	1.27
pH (1% solution):	2.5

NOTE: Always wear the appropriate personal protective equipment when using this product.



Contact your Drew Marine representative for more information

PACKAGING

DREWCLEAN 2010 cleaning treatment is available in 19 liter containers (PCN 6625331).

IMPORTANT INFORMATION

Drew Marine maintains Safety Data Sheets on all of its products. Safety Data Sheets contain health and safety information for your development of appropriate product handling procedures to protect your employees.

Our Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Drew Marine products.

FEATURES

- Advanced citric acid cleaning formula boosted with organic sequesterants
- Multiple chelation and sequestration mechanisms
- Liquid formulation

BENEFITS

- Excellent cleaning removal of calcium and magnesium carbonate and struvite deposits
- Inhibited redeposition of removed contaminants
- Easy to use



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