

DESCRIPTION

DREW 6134 is a food-grade sodium bisulfite solution. DREW 6134 is powerful reducing agent used to remove residual oxidants in a variety of applications. Common uses of DREW 6134 include production of preservation fluids for reverse osmosis systems and rapid dechlorination of ballast water and wastewater prior to discharge.

APPLICATION & USE

Dechlorination: The approximate dosage is 4 ppm DREW 6134 for every 1 ppm of free chlorine in the process water, ballast water or wastewater stream. For every 1 ppm of free chlorine, 3 ml of DREW 6134 are required per ton of water to be treated. For example, 100 tons of water containing 2 ppm of free chlorine will require, $100 \times 2 \times 3 \text{ ml} = 600 \text{ ml}$ of DREW 6134.

The dosage may vary slightly based on variations in water chemistry.

Reverse Osmosis Membrane Preservation

DREW 6134 is a food-grade sodium bisulfite solution used to preserve RO membranes when the system is shut down for any period over 24 hours. Offline cleaning using DREW-CLEAN® RO (PCN7332620) and DREWCLEAN® 2010 (PCN 6625331) should be performed if the membranes are known or assumed to be fouled prior to shut down and preservation.

To produce a preservative fluid, add 3% DREW 6134 (e.g. 3 liters per 100 liters of preservation fluid) to the highest quality source of water available - permeate or distilled water are best choices.

Produce a sufficient volume of the preservative solution to fill the system. Add the solution to the system in a way that allows each pressure vessel to be filled to its highest point. Circulate the solution as much as possible, venting displaced and residual air from the highest point in the system - then close the system to outside air. Change the preservation solution once per month. Preserved system temperatures should be kept above 1° C and less than 45° C.

Always review manufacturer's instructions prior to producing and adding the DREW 6134 preservative solution.

Because it is food grade, DREW 6134 is not catalyzed for rapid oxygen removal, as are boiler-grade sodium sulfites. Do not substitute boiler-grade sodium sulfite for DREW 6134 or use DREW 6134 in the place of catalyzed sodium sulfite in boilers.

TYPICAL PROPERTIES

Appearance:	Clear, water white to light yellow liquid
Specific Gravity @ 20° C:	1.34
pH (neat):	4.5

Contact your Drew Marine representative for additional information.

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

DREW 6134 should be kept in a dry location at temperatures above 1° C. Normal safety procedures should be followed when handling this material including splash-proof goggles, neoprene gloves, apron and rubber boots. If contact with body is made, immediately flush with water for 15 minutes and consult the Safety Data Sheet for additional instructions. If a spill or leak occurs, absorb liquid on paper, vermiculite or other absorbent material. Sweep up material for disposal as instructed in the Safety Data Sheet.



Contact your Drew Marine representative for more information

PACKAGING

DREW 6134 is available 25-liter containers (PCN 5985405).

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

- Powerful concentrated sodium bisulfite
- Removes dissolved oxidants
- Liquid formulation (no noxious odors from dissolving powdered reducing agents)
- Concentrated formulation

BENEFITS

- Reacts quickly as dechlorinating agent
- Prevents membrane oxidation & system corrosion
- Reduced employee exposure & handling
- Easy to dose



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