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SOLID WATER TREATMENT PRODUCT SCD-8-STX ORGANIC DISPERSANT & PENETRANT FOR COOLING WATER SYSTEMS IN STICK FORM

APPLICATION

SCD-8-STX is an organic penetrant and dispersant for use in cooling water systems. It was designed to help maintain clean surfaces in heat transfer equipment and cooling towers, as well as to aid in the cleaning of fouled systems. **SCD-8-STX** is particularly effective in cleaning organic deposits that result from the production of algal and bacterial biofilms when proper dosage levels are maintained in the system.

SCD-8-STX diminishes surface fouling and can therefore lower the demand for biocides in the system. The product may also diminish the demand for corrosion inhibitors.

SCD-8-STX acts by penetrating the matrix of organic deposits. The penetrating action can slough off and disperse organic materials. Instantaneous results from the addition of **SCD-8-STX** can be monitored with ATP testing.

SAFETY & HANDLING PROCEDURE

SCD-8-STX is a mildly alkaline product. It can be safely handled using the standard precautionary procedures associated with industrial chemicals of this type. Avoid skin and eye contact. Read Material Safety Data Sheet before handling this product.

CONTROL

The amount of **SCD-8-STX** used will depend upon the severity of the system conditions. Contact your local CH₂O water treatment specialist for further information on suggested product residual.

DOSAGE

For maintenance of clean surfaces in previously cleaned systems, product should be fed at a rate of 60 to 120 ppm (One stick per 1,000 gallons of system volume). Systems that have a greater tendency to foul should be dosed at a rate of 100 to 200 ppm (Two sticks per 1,000 gallons of system volume).

FEEDING TECHNIQUE

SCD-8-STX should be applied at a rate of 100 to 200 ppm daily until deposits are removed. Always feed a biocide to kill bacteria and algae in the system. Care should be taken when cleaning to prevent clogging of screens and strainers in heavily fouled systems. A test based on ATP as a general cleanliness index is recommended along with a traditional microbial count assay. NOTE: This product may cause foaming when fed at high levels.

PHYSICAL PROPERTIES

pH of 1% Solution..... 7-8
Packaging..... 40 sticks x 0.6 lb ea.
Appearance..... White Amorphous Solid, Stick
Odor..... Characteristic
Flash Point..... N/A

Seller Warranty

CH₂O brand test reagent refills are available through your sales representative at no charge. Customers are required to confirm product compatibility via a control test for their specific application. CH₂O recommends that you perform regular/daily testing to control chemical levels and cycles of concentration within established limits. Additional tests may be performed at your request. Test reports reflect conditions at the point when the analysis was performed. Results will change over time and with varying operating conditions.

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose referred to in the product data sheet. Buyer is responsible to ensure that products and product dosages are appropriate for Buyer's particular application. Seller makes no other warranty or representation of any kind, express or implied, concerning the product, including NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS OF THE GOODS FOR ANY OTHER PARTICULAR PURPOSE. No such warranties shall be implied by law and no agent of seller is authorized to alter this warranty in any way except in writing with a specific reference to this warranty. The exclusive remedy against seller shall be a claim for damages not to exceed the purchase price of the product, without regard to whether such a claim is based upon breach of warranty or tort. Jurisdiction for any issues arising from or relating to this product shall be in the courts of the State of Washington and the venue shall be Thurston County. Any controversy or claim arising out of or relating to this contract, or breach thereof, shall be settled by arbitration in accordance with the rules and procedures as stated in RCW 7.06 and shall be binding upon both parties without right to appeal, and judgment upon the award rendered by the Arbitrator(s) may be entered in any court having jurisdiction thereof.

Applies to all products sold by CH₂O, Inc., and is hereby communicated to all of its customers as a condition of sale. Use of CH₂O products is subject to the Standard Terms and Conditions as listed on CH₂O, Inc.'s website at: www.ch2o.com.



VERSION DATE: October 21, 2007

