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Product
Bulletin

SURE FLOW® NS
PATENTED ANTI-FOULANT
(INTERNATIONAL PATENTS ISSUED AND PENDING)

APPLICATION

Mineral crystallization in irrigation networks may often lead to plugging of nozzles and clogging of sand filters or heat-exchangers. The use of strong mineral acid washes has proven to be expensive and often impractical in removing these deposits. Other hazards associated with strong mineral acids include handling, storage, and disposal procedures.

One approach to inhibiting and removing mineral deposits is to treat the water system with a material that alters formation and growth of hard crystalline deposits. **SURE FLOW NS** is a water treatment product that causes mineral crystals to deform and become highly irregular. The distorted crystals are powdery in nature, which reduces accumulation of mineral deposits that can restrict and plug emitter nozzles.

SURE FLOW NS is specifically formulated for use as part of a system that is EPA registered for a variety of applications. This approach has proven highly effective at reducing both mineral and biological fouling at the same time.

SURE FLOW NS when properly applied is not harmful to soil, growing crops (ornamental only), or irrigation networks. This product is not intended for use on edible crops.

SAFETY & HANDLING PROCEDURE

This product is a highly acidic liquid. Chemical splash goggles and impervious gloves should be worn during all handling of the concentrate. Refer to the Material Safety Data Sheet for further safety and handling procedure. Protective clothing and gloves should be worn during use of concentrated product to minimize skin and eye contact.

FEEDING TECHNIQUE

Combine **SURE FLOW NS** with one of our **AQUA-SAN** products using CH₂O's automated metering equipment and inject directly into the water distribution system. Never mix this product with another without the use of properly tested metering equipment.

CONTROL

Maintain residual of up to 1ppm total oxidant as tested by CH₂O's test reagents. Daily testing is recommended to maintain proper control. Failure to monitor and maintain treatment levels can cause damage. It is the customer's responsibility to monitor and maintain treatment levels with support from a CH₂O sales representative.

DOSAGE

Use only with CH₂O operating equipment. A control test is recommended on individual plant species to determine tolerance.

PHYSICAL PROPERTIES

pHLess than 2.0
Pounds per Gallon9.6-10.1
Physical Appearance Clear Liquid
OdorMild
Flash Point..... NA

Seller Warranty

Applies to all products sold by CH₂O, Inc., and is hereby communicated to all of its customers as a condition of sale.

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose referred to in the directions for use when used in accordance with the directions under normal conditions. Buyer assumes the risk of any use contrary to such directions. 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.

September 14, 2005 (Rev 04-07)

