



8820 Old Hwy 99 SE, Tumwater, Washington 98501, USA  
360-943-6063 800-562-6184 FAX 360-352-4813 www.ch2o.com



# SANIONIC 859

## Low Foam, Acid Anionic Cleaner

### TYPICAL APPLICATIONS

**SANIONIC 859** is a low-foam, final acid anionic rinse for use in the beverage and food industries. It is a blend of phosphoric acid and anionic surfactants that is unaffected by organic soils.

**SANIONIC 859** will not produce excessive foam when recirculating through CIP systems. Cleaning systems with the product on a daily basis will leave equipment in an acid condition that will minimize water spotting, mineral build-up, and corrosion.

**SANIONIC 859** can also be used as a part-soaking solution. If the soaking solution is kept at or below a pH of 3, **SANIONIC 859** will remain effective for a week at a time and not require recharging to eliminate spotting and remove odors.

### DIRECTIONS

**Brewing Tanks, Milk Tanks, Bulk Tanks:** Once equipment has been cleaned, make up a final acid anionic rinse of 1 fluid ounce **SANIONIC 859** per three gallons of water. Circulate for at least three minutes at room temperature. Allow solution to remain in system, or drain as desired. Rinse with potable water and sanitize system in accordance with local health regulations just prior to start-up.

**General CIP:** After cleaning, circulate a 1 ounce **SANIONIC 859** per three gallons of water solution for two to three minutes at 100 to 130°F. Drain system and

### DIRECTIONS (continued)

rinse with potable water. Sanitize system in accordance with local health regulations just prior to start-up.

**Parts Soaking:** Hand-wash and rinse parts, then place them in a pail containing 1 ounce **SANIONIC 859** and three gallons of water. Soak for at least five minutes, then remove and reassemble equipment. Sanitize system in accordance with local health regulations just prior to start-up.

### SAFETY & HANDLING PROCEDURE

This product is very acidic product. Contact with the material will cause severe burns; prolonged contact with material will destroy tissue. Complete safety gear must be worn when handling this product (impervious gloves, safety goggles and face shield, protective clothing, boots, and respiratory protection) to minimize contact.

**CAUTION:** When added to water, **SANIONIC 859** will reduce pH level. As such, it may cause damage to soft metal or other components. The customer should consult the equipment manufacturer to ensure compatibility prior to addition.

### PHYSICAL PROPERTIES

Appearance .....Dark Brown Liquid  
Odor .....Mild Alcohol  
pH of 1% Solution .....1-3  
Pounds per Gallon .....9.4 -9.9

### **Seller Warranty**

CH<sub>2</sub>O 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. CH<sub>2</sub>O 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 CH<sub>2</sub>O, Inc., and is hereby communicated to all of its customers as a condition of sale. Use of CH<sub>2</sub>O products is subject to the Standard Terms and Conditions as listed on CH<sub>2</sub>O, Inc.'s website at: [www.ch2o.com](http://www.ch2o.com).



Version Date: March 1, 2015	Review Date: March 7, 2016
-----------------------------	----------------------------

