

Sterilex Ultra Disinfectant Cleaner Solution 1 (Solution 1) and **Sterilex Ultra Activator Solution (Solution 2)** are specifically designed to enhance an existing sanitation program and solve the most difficult sanitation challenges. Implementation of a comprehensive program with Sterilex liquids has proven to eliminate environmental positives, treat harborage niches, kill biofilm bacteria and remove biofilm.*



1

Shock Treatment

When beginning use of **Solution 1** and **Solution 2** at a plant, it is important to implement a shock protocol before backing off to maintenance treatments. A shock treatment should also be used whenever a plant has an increase in counts, a new "hot spot" or experiences a sudden decrease in product shelf life.

A shock treatment with **Solution 1** and **Solution 2** involves daily use of the products for **3-5 days consecutively**.



COP USAGE PROTOCOL

1. Dismantle all small parts and place in a COP tank.
2. Fill the COP tank with diluted chlorinated caustic cleaner, allow to soak and then rinse.
3. Re-fill COP tank with pre-determined amount of 100°F–140°F water. Optionally, add air-bubbling hose.
4. Add 12.8–16.0 oz of **Solution 1** and 12.8–16.0 oz of **Solution 2** per gallon of water (1:1:10).
5. Soak parts for 30 minutes.
6. Drain and rinse all surfaces thoroughly with potable water.

2

Maintenance Treatment

Following a successful shock treatment, plants can begin to experiment with use frequencies while continuously conducting environmental monitoring in order to determine a proper/necessary Sterilex use protocol.

In general, **Solution 1** and **Solution 2** should be used at least **3X/week in RTE** or more highly sensitive environments and at least **1X/week in other areas**.

ENVIRONMENTAL (FOAMING) USAGE PROTOCOL

1. Foam all surfaces in the plant with a chlorinated caustic detergent, followed with a water rinse.
2. Prepare solution of **Solution 1** and **Solution 2** mixed at a 1:1:10 ratio (12.8–16 oz of each solution/gallon of water) for use in a high volume, rinsed tank foamer. Use solution within 8 hours of mixing.
3. Generously foam all overheads, walls, equipment, floors and drains to ensure thorough coverage. Allow chemistry to soak in all crevices of treated surfaces.
 - a. Minimum contact time: **10 minutes**
 - b. Recommended Contact Time: **30 minutes**
 - c. Water Temperature: **100°F to 140°F**
4. Rinse all surfaces thoroughly with a potable water rinse.
5. Apply a no-rinse food sanitizer to all food contact surfaces.

* Kills 99.9999% of *Pseudomonas aeruginosa* and *Staphylococcus aureus* in biofilms. Biofilm label claims are approved for specific applications only. See product label for full label claims and usage instructions.

Usage Notes

1. Once mixed, the Sterilex solution MUST be used within **8 hours**.
2. Water temperature should be in the range of **100°F to 140°F**.

Some Sterilex products are only available from Quip Labs. Please contact us for more information.

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