

ULTRA SOFT METAL ACTIVATOR

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5 gallon
55 gallon
275 gallon

ITEM CODES

08005USM
08055USM
08275USM

PRODUCT OVERVIEW

Ultra Soft Metal Activator is used with Sterilex Ultra Disinfectant Cleaner Solution 1 or Sterilex Ultra CIP to create a solution which is compatible with a wide array of soft metals, such as aluminum (see compatibility chart).

Ultra Soft Metal Activator can be used in place of Sterilex Ultra Activator Solution and is ideal for use on aluminum surfaces such as freezer coils, refrigeration units and HVAC systems.

BENEFITS

Proprietary PerQuat Technology

- When combined with Sterilex Ultra Disinfectant Cleaner Solution 1 or Sterilex Ultra CIP, this product is effective against organisms such as *Listeria*, *Salmonella* and *Escherichia coli* (*E. coli*) and has the ability to kill biofilm bacteria, as well as penetrate and remove biofilm.*

Easy and Safe to Use

- Easy to mix and circulate
- Versatile, cost effective product applications

Facilitates Use of Sterilex Products on Aluminum Surfaces

- Tested safe on most commonly used aluminum and other soft metal surfaces such as spiral freezers, cooling units, coils, refrigeration units, HVAC systems
- Used for both remediation of microbial challenges as well as rotational maintenance usage

Environmental Impact

- Non-acid, non-volatile
- Not formulated with phosphates
- Compatible with wastewater systems

PROPERTIES

Ultra Soft Metal Activator

Form	Liquid
Appearance	Slightly Hazy
Odor	Odorless
Foam	None
Spec. Grav. (20°C)	1.15–1.20
pH	11–14
Avg. Freeze Point	-5.7°C/21.74°F

APPLICATIONS

- Spiral freezers
- Cooling units, coils, tunnels
- Evaporative coolers
- Aluminum walls, ceilings
- HVAC systems
- Aluminum surfaces where Sterilex Ultra Disinfectant Cleaner Solution 1 and Sterilex Ultra Activator Solution are not compatible

COMPATIBILITY

Compatibility chart for dilutions of Sterilex Ultra Disinfectant Cleaner Solution 1 and Ultra Soft Metal Activator.

Compatibility testing conducted for 10 consecutive days (14,400 minutes of use). Simulates 5.5 years of daily treatments.

Metal	Compatibility	Plastic	Compatibility
Aluminum 1100	Compatible	HDPE	Compatible
Aluminum 5052	Compatible	LDPE	Compatible
Aluminum 3003	Compatible	Polyethylene	Compatible
Aluminum 6061	Compatible	Polypropylene	Compatible
Aluminum 7075	Semi-Compatible ¹	PVC	Compatible
304 Stainless	Compatible	Teflon	Compatible
316 Stainless	Compatible	Kalrez	Compatible
Bronze	Compatible	Delrin (Polyacetal)	Compatible
Copper	Compatible	EPDM	Compatible
Brass	Semi-Compatible ²	BUNA-N	Compatible
Carbon Steel	Semi-Compatible ³	PET	Compatible
Cast Iron	Non-Compatible ⁴	Viton	Semi-Compatible ⁶
Galvanized	Non-Compatible ⁵	Polycarbonate	Non-Compatible ⁷

¹Light oxidation

²Some darkening of surface

³Minimal rusting observed, same compatibility as water

⁴Can cause rusting on clean cast iron surfaces over time

⁵Corrosion, same compatibility as water

⁶Causes material tackiness after 3 days of continuous exposure (4,320 minutes)

⁷Causes material decomposition

STORAGE

See product label and SDS (Safety Data Sheet) for full storage, disposal and safety information.

Ultra Soft Metal Activator

Keep container tightly closed in a dry, cool and well-ventilated place. Use only receptacles specifically permitted for this product.

AUTHORIZATION

This product is effective under intended conditions of use as outlined on the product label.

Statement of Guarantee

When combined with Sterilex Ultra Disinfectant Cleaner Solution 1 or Sterilex Ultra CIP, this product is registered as an antimicrobial product and can be used on food contact and non-food contact surfaces under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) by the Office of Pesticide Programs, United States Environmental Protection Agency (EPA). The products can be used in USDA and FDA inspected facilities when used according to the label directions. It is a violation of Federal law to use a registered product in a manner inconsistent with its labeling.

DIRECTIONS FOR USE

Refer to label for full directions for use. Add water to application device, or mixing container, before adding any Sterilex products. This product can be used as an activator for Sterilex Ultra Disinfectant Cleaner Solution 1 or Sterilex Ultra CIP. Should be applied at <90°F water temperatures.

*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.



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