

# SOFT METAL SURFACE APPLICATIONS

## BRING THE POWER OF PERQUAT<sup>®</sup> TECHNOLOGY TO SOFT METAL APPLICATIONS

Ultra Soft Metal Activator can be paired with Sterilex<sup>®</sup> Ultra Disinfectant Cleaner Solution 1 or Sterilex<sup>®</sup> Ultra CIP to create a PerQuat<sup>®</sup> solution that is compatible with a wide array of soft metals, such as aluminum.

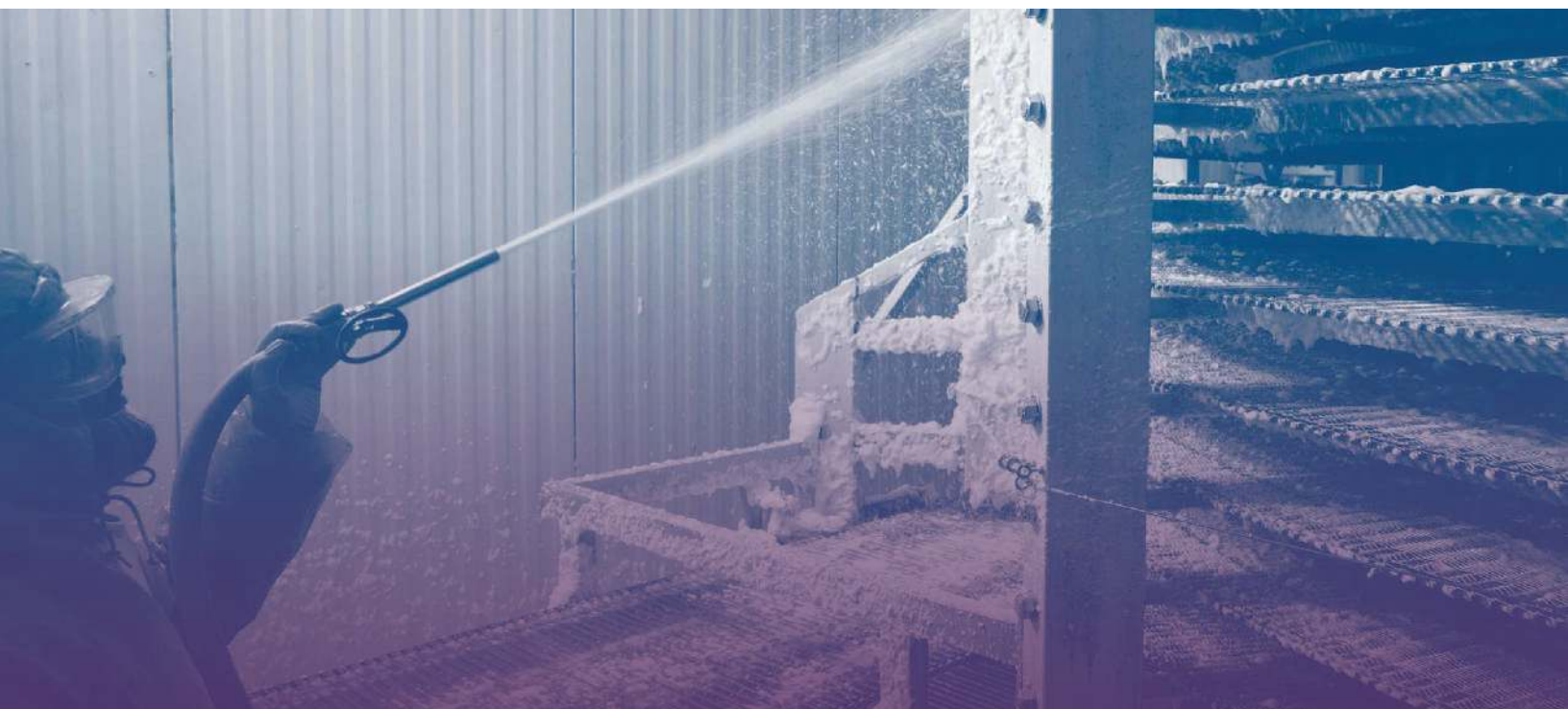
(see compatibility chart for details)

## BENEFITS

- Tested on most commonly used aluminum and soft metal surfaces\*
- Based on Sterilex<sup>®</sup> proprietary PerQuat<sup>®</sup> Technology, and effective against food pathogens such as *Listeria*, *E. coli* and *Salmonella*
- Ability to penetrate and remove biofilm when combined with either Sterilex<sup>®</sup> Ultra Disinfectant Cleaner Solution 1 or Sterilex<sup>®</sup> Ultra CIP\*\*
- Can be used for both remediation of microbial challenges as well as rotational maintenance
- Easy to mix and circulate
- Low environmental impact (non-acid, non-volatile, phosphate-free, safe for wastewater systems)

\*Please reference the compatibility chart for a full list of tested compatible metal surfaces.

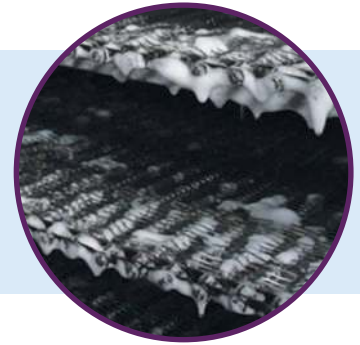
\*\*Biofilm label claims approved for specific applications only. See product label for full label claims and usage instructions.



## IDEAL FOR SANITIZING SOFT METAL SURFACES

- Spiral Freezers
- Cooling Tunnels
- Air Handling Units
- Cooling Coils
- IQF Freezers
- Coils
- Aluminum Walls, Ceilings
- HVAC Systems
- Evaporative Coolers
- Dryers

SIZE	ITEM CODE
5 Gallon	08005USM
55 Gallon	08055USM
275 Gallon	08275USM



## COMPATIBILITY

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

METAL	COMPATIBILITY
Aluminum 1100	Compatible
Aluminum 5052	Compatible
Aluminum 3003	Compatible
Aluminum 7075	Semi-compatible <sub>1</sub>
304 Stainless	Compatible
316 Stainless	Compatible
Bronze	Compatible
Copper	Compatible
Brass	Semi-Compatible <sub>2</sub>
Carbon Steel	Semi-Compatible <sub>3</sub>
Cast Iron	Not Compatible <sub>4</sub>
Galvanized	Not Compatible <sub>5</sub>

<sub>1</sub> Light oxidation

<sub>2</sub> Some darkening of surface

<sub>3</sub> Minimal rusting observed, same compatibility as water

<sub>4</sub> Can cause rusting on clean cast iron surfaces over time

<sub>5</sub> Corrosion, same compatibility as water

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

<sub>7</sub> Causes material decomposition

PLASTIC	COMPATIBILITY
HDPE	Compatible
LDPE	Compatible
Polyethylene	Compatible
Polypropylene	Compatible
PVC	Compatible
Teflon	Compatible
Kalrez	Compatible
Delrin (polyacetal)	Compatible
EPDM	Compatible
BUNA-N	Compatible
PET	Compatible
Viton	Semi-compatible <sub>6</sub>
Polycarbonate	Not Compatible <sub>7</sub>

Sterilex® products are available from sanitation chemical providers. Please contact us for more information.

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