

PRODUCT: ULTRA SOFT METAL ACTIVATOR

1. Can this product be used on a stand-alone basis?

No. Ultra Soft Activator is always used as part of a two-part chemistry that is diluted in water. It is designed to be used either with Sterilex® Ultra Disinfectant Cleaner Solution 1 or Sterilex® Ultra CIP.

2. Which soft metals is the product approved for?

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 7075	Semi Compatible	Polypropylene	Compatible
304 Stainless	Compatible	PVC	Compatible
316 Stainless	Compatible	Teflon	Compatible
Bronze	Compatible	Kalrez	Compatible
Copper	Compatible	Delrin (polyacetal)	Compatible
Brass	Semi Compatible ₅	EPDM	Compatible
Carbon Steel	Semi Compatible ₁	BUNA-N	Compatible
Cast Iron	Non Compatible ₃	PET	Compatible
Galvanized	Non Compatible ₄	Viton	Semi Compatible ₂
		Polycarbonate	Non Compatible

₁ Minimal rusting observed, same compatibility as water
₂ Decomposition observed after 3 days continuously (4,320 minutes)
₃ Can cause rusting on clean cast iron surface over time
₄ May be compatible if galvanized coating intact (not scratched/abraded)
₅ Some darkening of surface

3. What does Semi-Compatible mean?

The “Semi Compatible” rating depends on the material being tested. For evaluation of Ultra Soft Metal Activator, there are five semi-compatible ratings.

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5. Some darkening of surface

4. What type of equipment would this product be used on?

Ultra Soft Metal Activator is designed for use on a variety of soft metal surfaces including, spiral freezers, evaporative coolers, cooling tunnels, freezer tunnels, soft metal parts/fittings, HVAC, overhead air units, etc.

5. Does this have the same efficacy as the Sterilex products that are not soft metal safe?

Yes. The combination of Ultra Soft Metal Activator with Sterilex Ultra Disinfectant Cleaner Solution 1/Sterilex Ultra CIP, will have all of the same EPA registered label claims as Sterilex Ultra Activator Solution (not soft metal safe). The only difference is material compatibility.

6. Does the addition of corrosion inhibitors create the risk for residue on treated surfaces?

When treating surfaces at disinfection concentrations, all Sterilex liquids must be rinsed with a potable water rinse (with the exception of drains). When treating surfaces at the concentration defined for no-rinse sanitization for non-food contact, no visible residues have been observed. To avoid flashing off of corrosion inhibitor, we recommend applying to surfaces that are <150°F.

7. Is it normal to see “residue” in the bottom of the drum/pail of Ultra Soft Metal Activator?

Yes. It is normal for slight separation to occur overtime. Our studies have demonstrated that this separation does not affect the product’s efficacy or anti-corrosive characteristics as long as the product is used within its labeled shelf life.