

# STERILEX® ULTRA-KLEEN CIP SOLUTION 1 STERILEX ULTRA-KLEEN CIP SOLUTION 2

## STERILEX ULTRA-KLEEN CIP SOLUTION 1

5 GAL/18.9 L  
55 GAL/208 L  
275 GAL/1041 L

### ITEM CODE #'S

0018CIP1  
0208CIP1  
1041CIP1

## PRODUCT OVERVIEW

Sterilex Ultra-Kleen CIP Solution 1 & 2, based on PerQuat technology, is a two-part liquid concentrate that is mixed together at time of use.

Sterilex Ultra-Kleen CIP is a DIN-registered disinfectant approved to kill organisms such as *Listeria*, *Salmonella*, *E. coli*, and spoilage organisms in CIP systems and brine injection/needle sanitation systems.

## STERILEX ULTRA-KLEEN CIP SOLUTION 2

5 GAL/18.9 L  
55 GAL/208 L  
275 GAL/1041 L

### ITEM CODE #'S

0018CIP2  
0208CIP2  
1041CIP2

## BENEFITS

### Proprietary PerQuat Technology

- Based on proprietary PerQuat technology with DIN approved products that are approved to penetrate and remove deep soils, disinfect, and sanitize

### Enhances CIP Sanitation Programs

- Has been shown to increase shelf life of finished products
- Broad spectrum killing ability
- Effective against, mold, mildew, and spoilage organisms
- Used for both remediation of microbial challenges as well as rotational maintenance usage

### Easy and Safe to Use

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

### Environmental Impact

- Non-acid
- Not formulated with phosphates or VOCs
- Compatible with wastewater systems

## PROPERTIES

### Sterilex Ultra-Kleen CIP Solution 1 DIN Reg. #02402432

Form	Liquid
Appearance	Clear
Odor	Odorless
Foam	Low
Spec. Grav. (20°C)	1.00–1.03
pH at 1% solution	3.01–5.86

### Sterilex Ultra-Kleen CIP Solution 2 DIN Reg. #02402432

Form	Liquid
Appearance	Clear
Odor	Odorless
Foam	None
Spec. Grav. (20°C)	1.15–1.20
pH at 1% solution	11–14

## APPLICATIONS

- Dairy CIP (Fillers, HTST, DMC, tanks, piping)
- Floor scrubbers
- Breweries/wineries
- Injector needles and injector sanitation systems
- Tenderizers
- Chillers
- Heat exchangers
- Poultry and swine waterline sanitization

## COMPATIBILITY

### Compatibility chart for dilutions of Sterilex Ultra-Kleen CIP Solution 1 & 2

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

Metal	Compatibility	Plastic	Compatibility
304 Stainless	Compatible	HDPE	Compatible
316 Stainless	Compatible	LDPE	Compatible
Copper	Compatible	Polyethylene	Compatible
Carbon Steel	Semi-Compatible <sup>1</sup>	Polypropylene	Compatible
Cast Iron	Non-Compatible <sup>3</sup>	PVC	Compatible
Galvanized	Non-Compatible <sup>4</sup>	Teflon	Compatible
Brass	Non-Compatible <sup>5</sup>	Kalrez	Compatible
Aluminum	Non-Compatible <sup>4</sup>	Delrin (polyacetal)	Compatible
		EPDM	Compatible
		BUNA-N	Compatible
		PET	Compatible
		Viton	Semi-Compatible <sup>2</sup>
		Polycarbonate	Non-Compatible <sup>6</sup>

<sup>1</sup>Minimal rusting observed, same compatibility as water  
<sup>2</sup>Decomposition observed after 3 days of continuous exposure (4,320 minutes)  
<sup>3</sup>Can cause rusting on clean cast iron surface (similar to water)  
<sup>4</sup>Corrosion  
<sup>5</sup>Severe oxidation  
<sup>6</sup>Causes material decomposition

## STORAGE

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

### Sterilex Ultra-Kleen CIP Solution 1

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

### Sterilex Ultra-Kleen CIP Solution 2

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

These products are registered with a DIN and approved by BCS. The product can be used in CFIA inspected facilities when used according to the label directions. It is a violation of Canadian law to use a registered product in a manner inconsistent with its labeling. The DIN registration number appearing on the label provides access to documentation regarding these products.

## DIRECTIONS FOR USE

See product label and SDS (Safety Data Sheet) for full storage, disposal and safety information. Sterilex Ultra-Kleen CIP Solution 1 & 2 is approved as a disinfectant and sanitizer. Should be applied at < 32°C water temperatures.