

Product Overview

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

Sterilex Ultra Kleen Solution 1 & 2 is a DIN approved, CFIA approved disinfectant & sanitizer approved to kill organisms such as *Listeria*, *Salmonella*, and *E. coli* on food contact equipment and surfaces



Benefits

Proprietary PerQuat® Technology

- Based on proprietary PerQuat® chemistry with DIN approved products approved to penetrate and remove deep soils, disinfect, and sanitize

Enhances Sanitation Programs

- Eliminates microbial "hot-spots" using a chemical scrubbing action
- Effective on food contact surfaces, environmental surfaces, and drains
- Broad spectrum killing ability
- Used for both remediation of microbial challenges as well as rotational maintenance usage

Easy and Safe to Use

- Easy to mix, foam, use as a soak or circulate
- Versatile, cost effective product applications

Environmental Impact

- Non-acid, non-volatile
- Phosphate free
- Safe for wastewater systems

Properties

	Sterilex Ultra Kleen Solution 1 <i>DIN #: 02395622</i>	Sterilex Ultra Kleen Solution 2 <i>DIN #: 02395622</i>
Form	Liquid	Liquid
Appearance	Clear	Clear
Odor	None	None
Foam	Moderate	None
Spec. Grav. (20°C)	1.00 – 1.03	1.15 – 1.20
pH at 1% solution	3.01-5.86	10-13

Applications

- Hard surface disinfection and sanitization
- Equipment application (foam, spray)
- Food contact surfaces
- Environmental surfaces
- COP tank (soaking)
- Drain program (foam into drains)
- Floors
- Boots and entryways
- Poultry and swine waterline sanitization
- Animal health premise disinfection



Compatibility

Compatibility chart for mixtures of Sterilex Ultra Kleen Solutions 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 ₁	Polypropylene	Compatible
Cast Iron	Not compatible ₃	PVC	Compatible
Galvanized	Not compatible	Teflon	Compatible
Brass	Not compatible	Kalrez	Compatible
Aluminum	Not compatible	Delrin (polyacetal)	Compatible
		EPDM	Compatible
		BUNA-N	Compatible
		PET	Compatible
		Viton	Semi-compatible ₂
		Polycarbonate	Not compatible

₁Minimal rusting observed, same compatibility as water

₂Decomposition observed after 3 days continuously (4,320 minutes)

₃Can cause rusting on clean cast iron surface over time

Storage

See product SDS for full storage, disposal and safety information.

Sterilex Ultra Kleen Solution 1

Keep product in closed original container when not in use. Store in a cool area away from potential sources of heat, open flames, sunlight or other chemicals. Product should be stored below 90F.

Sterilex Ultra Kleen Solution 2

Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep in properly labeled containers. Store in cool area away from other chemicals.

Authorization

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

Statement of Guarantee

These products are registered with a DIN and approved by CFIA. 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

Refer to product label for full directions for use.

Sterilex Ultra Kleen Solution 1 & 2 is approved as a one-step disinfectant cleaner and sanitizer in a variety of use applications.

Sterilex® is a leader in developing proprietary antimicrobial products for biofilm* elimination and infection control. Sterilex® provides specialty disinfectants, biofilm-control biocides*, and cleaning products for food processing, health care, water treatment, industrial, and consumer applications. Sterilex® has a strong commitment to on-site customer service and technical support.

Sterilex® proprietary products are based upon PerQuat® technology, an alkaline peroxide chemistry with phase transfer catalysis, which has the unique ability to penetrate and remove biofilms* and simultaneously kill pathogenic microorganisms. The synergistic components in Sterilex® products create a powerful level of performance through multiple physical and chemical mechanisms of action, including hydrolysis and oxidation. An important advantage of these combined mechanisms of action is that the products do not induce microbial resistance. Sterilex® products contain no chlorine, solvents, or VOC's.

*Biofilm claims are approved in the US only for specific labeled applications.



111 Lake Front Drive
Hunt Valley, MD 21030

1-800-511-1659
www.sterilex.com