

**GENERAL DESCRIPTION**

ProKlenz™ ONE High Performance Alkaline Cleaner is a broad-spectrum detergent designed to meet the demands of the biopharmaceutical, pharmaceutical, medical device, nutraceuticals, cosmetics, and other regulated industries. The surfactant system engineered for ProKlenz ONE cleaner, along with its alkalinity and other components, effectively removes a wide range of process residues from fermentation by-products to silicone-based emulsions and lubricants. ProKlenz ONE cleaner can be used for all cleaning applications including high-energy applications such as recirculating spray or eductor return systems. ProKlenz ONE cleaner also provides broad-spectrum disinfection of hard, non-porous surfaces including stainless-steel manufacturing, holding, filling, and packaging equipment.

**FEATURES**

**BENEFITS**

- Formulated alkaline detergent effective in hard water; safer than solvents
- Low foaming system at temperatures above 45°C (113°F)
- Free rinsing with High Performance Liquid Chromatography (HPLC) analyzable surfactant
- Both specific and nonspecific methods available to detect cleaning agent residues
- Contains biodegradable surfactants and chelants
- Bactericidal and virucidal activity
- Biofilm removal

- Cleans a broad spectrum of soils with multiple cleaning mechanisms
- Can be used in high-impingement spray applications
- Easily rinsed from equipment surfaces; saves time and reduces utility consumption
- Makes analytical method validation easier for regulatory compliance
- Environmentally friendly. Complies with EC 648/2004
- EPA-registered (North American Only) broad-spectrum disinfectant and virucide (Poliovirus type 1)
- Kills biofilm on hard, non-porous surfaces. *Pseudomonas aeruginosa* and *staphylococcus aureus* tested as biofilms

**PHYSICAL PROPERTIES**

Form .....	Light yellow to amber
Odor .....	None
Specific Gravity (25°C [77°F]) .....	1.18, typical
pH (1% Solution) .....	12.5, typical
Solubility .....	Complete
Foam .....	Low at temperatures above 45°C (113°F)

**DISINFECTION PROPERTIES**

ProKlenz ONE cleaner is registered with the Environmental Protection Agency (EPA) as a broad-spectrum disinfectant. ProKlenz ONE cleaner is effective against *Staphylococcus aureus*, *Salmonella enterica*, and *Pseudomonas aeruginosa* when used at 1% v/v concentration in water with 5% blood serum and 250 ppm of hard water at 60°C (140°F) for at least five-minute contact time.

**VIRUCIDAL PROPERTIES**

ProKlenz ONE cleaner is registered with the EPA as a virucide. ProKlenz ONE cleaner is effective against Poliovirus (type 1) when used at 1% v/v concentration with 5% blood serum and 250 ppm of hard water at 60°C (140°F) for at least 10-minute contact time.

## BIOFILM REMOVAL PROPERTIES

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ProKlenz ONE cleaner is registered with the EPA for removal of biofilm. ProKlenz ONE cleaner kills biofilm bacteria (*Pseudomonas aeruginosa* and *Staphylococcus aureus* tested as biofilms) on hard, non-porous surfaces.

Pre-clean surfaces to remove gross or visible soil, and then thoroughly wet surface with ProKlenz ONE cleaner at a 5% use solution with deionized water at 60°C (140°F) for at least 10-minute contact time. Rinse thoroughly with water following treatment.

## DIRECTIONS FOR USE

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The dilution rate of this concentrate as a cleaning agent depends on the residues, soil conditions, and application method, but typically range from 0.5 to 6.0 oz/gal of water. Contact your STERIS sales representative for recommendations based on the above situation or for methods for testing for residual concentrations of ProKlenz ONE cleaner.

ProKlenz ONE cleaner is recommended for use to clean hard, non-porous surfaces in manufacturing equipment and automatic washing equipment including mixing vessels and packaging equipment. Surfaces should be rinsed with water after use of this product.

For use as a disinfectant or virucidal cleaner, prepare a 1% v/v use solution. Pre-clean all heavily soiled surfaces. Product must be applied to surfaces by circulating coarse spray or direct immersion for a contact time of at least five minutes for a disinfectant and 10 minutes for virucide while maintaining a temperature at or above 60°C (140°F). Following applications, rinse product contact surfaces with water. Do not apply product by manual spraying or by means that produce inhalable particles.

## STORAGE

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Keep in original container. Keep out of reach of children. Do not freeze.

## DISPOSAL

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Do not contaminate ponds, waterways, or ditches with chemical or used containers. Empty containers should be rinsed thoroughly and discarded in an appropriate waste container. Empty containers should not be used for other purposes. Unused material may be a hazardous waste due to its high pH and subsequent corrosivity. Disposal of unwanted product should be done in accordance with local, state, or Federal legislation. Product may be flushed to a sanitary sewer with copious amounts of water, if in accordance with local, state, and Federal regulations.

## SERVICE

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### Sales

Service is one of the most important ways to verify consistent quality of the facility's performance and operation. A tailored service program by STERIS provides effective, trouble-free operations.

### Technical

STERIS is pleased to provide a completely staffed and equipped technical service laboratory capable of performing needed tests and providing both telephone and on-site assistance when needed. More details on how this service can benefit a facility's particular situation can be provided upon request.

## PRECAUTIONS

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Information concerning human and environmental exposure may be reviewed on the Safety Data Sheet (SDS) for the product. For additional information regarding incidents involving human and environmental exposure, call 1-800-424-9300.

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### For further information, please contact:



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