

# ProKlenz<sup>®</sup> TWO

High Performance Acid Detergent

High performance formulated acid detergent for the removal of difficult process residues, rouge.



## Description

ProKlenz TWO detergent is specially formulated to meet the unique cleaning demands found in the pharmaceutical, biotechnology, cosmetic, nutraceutical, and other industries requiring an effective validatable acid cleaner. It is formulated with a blend of organic acids, surfactants, and other essential ingredients to utilize multiple cleaning mechanisms. ProKlenz TWO detergent is formulated with a stable, biodegradable, analyzable surfactant system. It is low foaming at all temperatures for use in CIP and COP applications. An extensive support package is available to meet your validation objectives.

### Features

### Benefits

### Applications

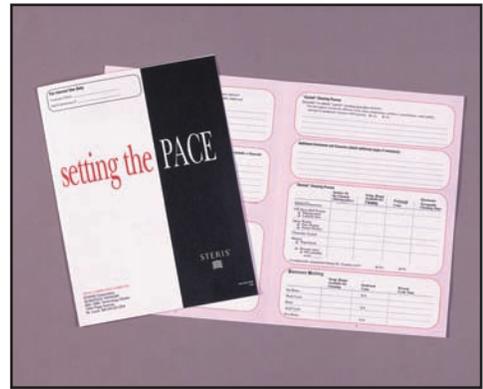
Formulated detergent.	Cleans a broad spectrum of soils utilizing multiple cleaning mechanisms.
A blend of organic acids including citric acid.	Effective for routine removal of inorganic soils and rouge as well as for passivation.
Formulation is phosphate free. Contains biodegradable surfactants and 0% phosphorous.	Environmentally friendly. Complies with EC 648/2004. An excellent choice for harmonization of cleaning validation.
Low foaming across a wide temperature range.	Can be used in high-impingement spray applications
Free rinsing with an HPLC analyzable surfactant.	Easily removed from product surfaces. Saves time and reduces utility consumption. Facilitates cleaning validation.
Both specific and non-specific methods are available for detecting cleaning agent residues. Methods include HPLC, TOC and others.	Provides representative analytical methods to facilitate the validation process.
Manufactured in a cGMP compliant, FDA registered and ISO 9001 certified facility.	Meets the highest standard in manufacturing and processing.
Complete lot traceability.	Supports quality assurance and quality control.

- > Processing equipment
  - Process vessels
  - Reactors
  - Blenders
- > Component parts washing
- > Manual cleaning
- > Ultrasonic cleaning
- > Rouge removal
- > Passivation



**Technical Support**

A highly qualified, industry-recognized team of chemists, microbiologists and engineers are available to offer product and process consultation. STERIS Technical Support currently provides both on- and off-site seminars with topics focusing on process cleaning and cleaning validation. An extensive library of technical data, laboratory reports, analytical methods and case studies have been developed including toxicity and substrate compatibility studies.



Our technical support services also include the Process And Cleaner Evaluation (PACE®) program, which is an evaluation service designed to provide our customers with recommendations for an effective cleaning protocol. Once an evaluation has been completed, STERIS provides a report that assists customers in developing a cleaning protocol by defining parameters based on chemical type, concentration, cleaning time, temperature, cleaning method and water quality. The PACE program is an essential first step for any cleaning application.

**Physical Properties**

Form	Liquid
Odor	Slight chemical
Specific Gravity 77°F (25°C)	1.18
pH undiluted	1.3
Solubility	Complete
Foam	Low
Rinsing	Excellent
Phosphates	None; 0% P

**Ordering Information**

5 gallon pail (18.9 L)	142205WR
55 gallon drum (208.2 L)	142201WR

**STERIS Corporation** is a global provider of contamination control systems, products, and services for the pharmaceutical, biotech, medical device, laboratory research, and industrial markets. Our solutions cover all aspects of product discovery and development – across research lab, comparative medicine and production/manufacturing processing.



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