

CIP 220®

Hydroxyacetic Acid Cleaner

(translation underneath in parentheses)



CIP 220 Liquid Hydroxyacetic Acid Cleaner is specially formulated to meet the unique cleaning demands found in the pharmaceutical, biotechnology, cosmetic, nutraceutical, and other industries requiring an effective validatable cleaner. This phosphate-free product effectively removes a wide range of process residues, including inorganic salts. The special surfactant selected for this cleaner is active across a full pH range, and it is extremely free rinsing. CIP 220 cleaner is low foaming and engineered for use in high-pressure applications. Routine use of this product provides maintenance removal of migratory iron (blush or rouge) from stainless-steel surfaces. An extensive validation support package is available to meet your analytical objectives.

Applications

- Processing Equipment
 - Process Vessels
 - Reactors
 - Blenders
 - Tableting Presses
- Component part cleaning
- Ultrasonic washing
- Laboratory glassware

Features

Benefits

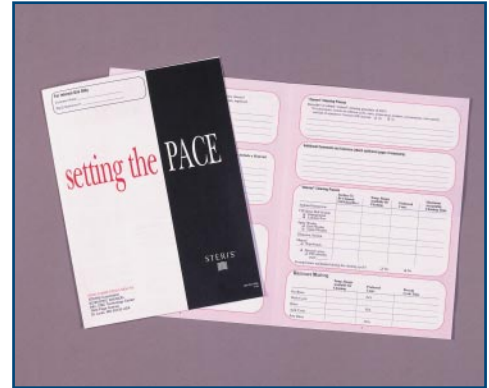
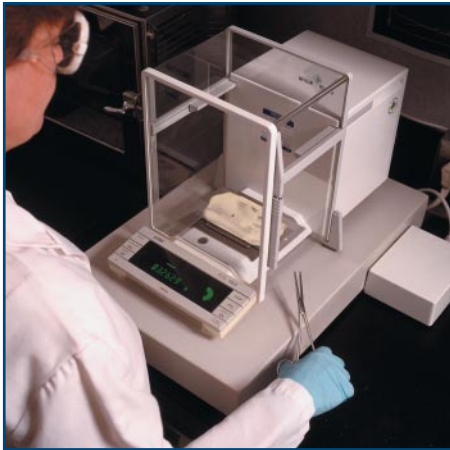
Hydroxyacetic acid cleaner.	Cleans with a broad spectrum of chemistries.
Supported with non-specific methods to detect cleaning agent residues. Methods include TOC, conductivity, and others.	Assists in the validation process by reducing the need for customers to develop their own analytical methods.
Manufactured within an FDA and ISO 9001 registered facility.	Meets the highest standard in manufacturing and quality assurance.
Free rinsing.	Easily removed from product surfaces. Saves time and reduces water consumption.
Complete lot traceability.	Supports Quality Assurance and Quality Control.
Product Integrity Pledge.	Provides formulation integrity and continued future supply.
Phosphate free.	Environmentally friendly.



Scientific Division

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 cytotoxicity, LD 50, substrate compatibility, and many others.



PACE Program

The Process And Cleaner Evaluation (PACE) program is designed to provide our customers with recommendations for an effective cleaning protocol. STERIS designs this protocol by defining parameters based on chemical type, concentration, cleaning time, temperature, cleaning method, and water quality. PACE is an essential first step for any cleaning application.

Physical Properties

Form	Colorless/clear liquid
Odor	Slight chemical
Specific gravity 25°C (77°F)	1.11, typical
pH – 1% solution	2.8, typical
Solubility	Complete
Foam	Low
Rinsing	Excellent
Phosphates	None

Ordering Information

4 x 3.78 litre	1D22-08EC
18.93 litre pail	1D22-05GB
208.18 litre drum	1D22-01GB
1135.5 litre tote	1D22-P7EC

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, animal research lab, and production/manufacturing processing.

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Technologies to Prevent Infection and Contamination™

STERIS®



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