

CIP 220™ Acid-Based Process & Research 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 removes a wide range of process residues, including inorganic salts. The specialized surfactant system is active across a full pH range and is free rinsing. CIP 220 Cleaner is engineered to be low foaming for use in high-pressure applications. Routine use of this product provides maintenance removal of migratory rouge from stainless-steel surfaces. An extensive validation support package is available to meet your compliance objectives.



CIP 220™ Acid-Based Process & Research Cleaner

Features

Hydroxyacetic acid cleaner

Formulation is phosphate free and contains biodegradable surfactants

Manufactured within an FDA registered plant, ISO 9001:2015 and ISO 13485:2016 compliant

Easily rinsed from surfaces

Non-specific analytical methods

Complete lot and change control traceability

Benefits

Penetrates, dissolves, and removes a broad spectrum of soils using multiple cleaning mechanisms

Environmentally friendly. Complies with Regulation (EC) No. 648/2004 for harmonization of cleaning validation

Meets the highest standard in manufacturing and processing

Saves time and reduces utility and water consumption

Multiple validated analytical methods to facilitate the cleaning validation process

Supports quality assurance and quality control

Applications

- Processing Equipment Cleaning
 - » Process Vessels
 - » Reactors
 - » Blenders
 - » Tableting Presses
- Component Parts Washing
- Ultrasonic Cleaning
- Glassware Washing

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

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Ordering Information (Worldwide)

Description	Part Number
1 Gallon (3.8 L) X 4 per case	1D2208
5 Gallon (18.9 L) Pail	1D2205
30 Gallon (113.6 L) Drum	1D2202
55 Gallon (208.2 L) Drum	1D2201
300 Gallon (1135.5 L) Tote	1D22D3