

CIP 150®

Chlorinated Alkaline Cleaner



CIP 150 Chlorinated Liquid Alkaline Cleaner is formulated to serve the pharmaceutical, biotechnology, cosmetic, nutraceutical, and other industries requiring an effective validatable cleaner. This chlorinated cleaning system combines effective detergency with oxidizing agents to rapidly clean oily, proteinaceous soils. It utilizes improved chemistries that significantly extend the stability of active chlorine. This product is low foaming at all temperatures and can be used in both CIP and COP applications. An extensive validation support package is available to meet your analytical objectives.

Applications

- Processing Equipment
 - Process Vessels
 - Reactors
 - Blenders
 - Tableting Presses
- Component parts washing
- Glassware washing
- Ultrasonic cleaning

Features

Benefits

Chlorinated alkaline cleaner.	Targeted for removing proteinaceous soils.
Has both specific and non-specific methods to detect cleaning agent residues. Methods include HPLC, TOC, conductivity, and others.	Assists in the validation process by eliminating 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 processing.
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.
Use concentrations range from 1% to 6%.	Efficient cleaning reduces equipment downtime and saves money.

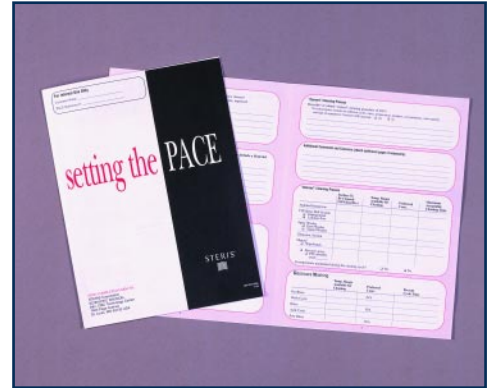
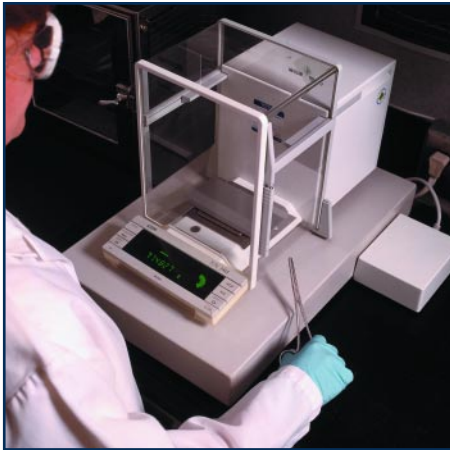
STERIS®



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 compatability, 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	Light yellow/clear liquid
Odor	Chlorine
Specific gravity 77°F (25°C)	1.16, typical
pH (1 percent)	12.0, typical
Solubility	Complete
Foam	Low and controlled
Rinsing	Excellent
Available chlorine	1.0-2.0 percent

Ordering Information

5 gallon	1D15-05
55 gallon	1D15-01

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™

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