

CIP 100<sup>®</sup> Alkaline Detergent is engineered to meet the unique process cleaning demands found in the pharmaceutical, biotechnology, cosmetic, dietary supplement and other industries requiring an effective validatable cleaner.

A proprietary blend of potassium hydroxide, surfactants, chelants and other performance-enhancing ingredients, provides multiple cleaning mechanisms. The low foaming product removes a wide range of process residues, from fermentation by-products to silicone-based emulsions and lubricants, and is ideal for clean-in-place (CIP) and clean-out-of-place (COP) applications. An extensive support package is available to meet your validation objectives.



## CIP 100<sup>®</sup> Alkaline Detergent

For Process and Research Cleaners

### FEATURES

Formulated alkaline cleaner
Contains biodegradable surfactants
Low foaming system
Free rinsing formula
Complete lot and change control traceability
Manufactured within an FDA registered plant, ISO 9001:2015 and ISO 13485:2016 compliant
Specific and non-specific analytical methods

### BENEFITS

Penetrates, dissolves, and removes a broad spectrum of soils utilizing multiple cleaning mechanisms
Provides representative analytical methods to facilitate the validation process
Operates well in high-energy spray applications
Minimizes utility consumption and detergent residue
Complies with Regulation (EC) No. 648/2004 on detergents for harmonization of global cleaning validation
Meets the highest standard in manufacturing and quality assurance
Supports quality assurance and control

### APPLICATIONS

- Component Parts Cleaning
- Process Equipment Cleaning

- Process Vessels
- Reactors
- Blenders
- Tableting Presses

- Ultrasonic Cleaning
- Glassware Washing

- Reliance<sup>®</sup> Series Laboratory Glassware Washers
- Reliance<sup>®</sup> Series Pharmaceutical Glassware Washers
- Reliance<sup>®</sup> Laboratory Glassware Dryers

## Chemical Storage and Management

STERIS offers a variety of chemical delivery systems to meet your application needs. Contact your local sales associate for details.

## 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	Light Yellow/Clear Liquid
Odor	Slight chemical
Specific Gravity 77°F (25°C)	1.26
pH (1% Solution)	12.4
Solubility	Complete
Foam	Low at all temperatures
Rinsing	Excellent
Phosphates	None

## ORDERING INFORMATION (Worldwide)

### CIP 100® Alkaline Detergent

For Process and Research Cleaners

Description	Part Number
Bag-in-box, 1 Gallon (3.8 L)	1D10BG
1 Gallon (3.8 L) X 4 per case	1D1008
2.64 Gallon (10 L) Bottle	1D10T6
5 Gallon (18.9 L) Pail	1D1005
30 Gallon (113.6 L) Drum	1D1002
55 Gallon (208.2 L) Drum	1D1001
200 Gallon (757.1 L) Tote	1D10D9
250 Gallon (946.4 L) Tote	1D10D7
300 Gallon (1135.5 L) Tote	1D10D3