

GENERAL DESCRIPTION

CIP 200™ Acid-Based Process & Research Cleaner is a liquid, acidic detergent specially formulated to meet the unique cleaning demands found in the pharmaceutical, cosmetic, and medical device industries. It effectively removes a wide range of process residues, including inorganic salts. The special surfactant selected for CIP 200 cleaner is active across the full pH range (from pH 2.0 to pH 13.5) and a wide temperature range. CIP 200 cleaner is free of perfumes and dyes and is designed to be extremely free rinsing.

Routine use provides maintenance removal of migratory iron (blush or rouge) from stainless-steel surfaces.

FEATURES

- Compatible with both glass and stainless-steel substrates
- Effective surfactant system
- Surfactant system retains activity even upon product neutralization prior to discharge
- Low foaming at all temperatures
- Exceptionally free rinsing
- Excellent hard water tolerance

BENEFITS

- Safe to use on most process equipment
- Remains soluble and active across a wide temperature range from 41-185°F (5-85°C)
- Minimizes redeposition of process residues
- Easily rinsed; also, does not cavitate recirculation pumps
- Promotes a clean, residue-free surface
- Dissolves hard water mineral deposits

PHYSICAL PROPERTIES

Form	Colorless, clear liquid
Odor.....	Slight chemical
Specific Gravity (77°F [25°C]).....	1.34, typical
pH (1% w/w)	2.0, typical
Solubility.....	Complete
Foam.....	Low and controlled
Rinsing	Excellent

DIRECTIONS FOR USE

CIP 200 cleaner is designed to be low foaming at all temperatures. Typical operating temperatures range from ambient to 185°F (85°C). Typical operating concentrations of CIP 200 run from 0.25-4.0 oz/gal (0.2-3.1% v/v) and depend on temperatures, soil loads, and cleaning equipment used. STERIS will help you establish the optimum cleaning criteria for your operations. If desirable, our laboratories can screen various times, concentrations, and temperatures to determine the optimum cleaning parameters for each soil.

Several options exist for the feed and control of CIP 200 cleaner, including:

1. A titration for use-concentration determination (Test Kit EQ1411).
2. Conductivity for automated feed and control (STERIS Laboratory Report #3239).

See your local STERIS Corporation sales representative for methods of testing for residuals of CIP 200 cleaner.

STORAGE

This product should be stored in an area where it will not be exposed to extreme temperatures.

DISPOSAL

Flush with plenty of water to the sanitary sewer. Dispose of in accordance with local, state, and Federal regulations.

SERVICE

Sales

Service is one of the most important ways to verify consistent quality of the facility's performance and operation. A tailored service program by STERIS provides effective, trouble-free operations.

Technical

STERIS is pleased to provide a completely staffed and equipped technical service laboratory capable of performing needed tests and providing both telephone and on-site assistance when needed. More details on how this service can benefit a facility's particular situation can be provided upon request.

PRECAUTIONS

Information concerning human and environmental exposure may be reviewed on the Safety Data Sheet (SDS) for the product. For additional information regarding incidents involving human and environmental exposure, call 1-800-424-9300.

For further information, please contact:



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