



CIP 300® NEUTRAL pH PROCESS & RESEARCH CLEANER TECHNICAL DATA

GENERAL DESCRIPTION

CIP 300 Neutral pH Process & Research Cleaner is a phosphate-free neutral pH liquid detergent and detergent additive. Its unique blend of surfactants allows it to be used alone or with existing cleaning products to boost their cleaning power. This low-foaming product is ideal for use in recirculating wash systems (automated CIP, parts washers, etc.). Although low-foaming, it retains the cleaning performance of high-foaming cleaners and can also be used in manual cleaning applications. As a stand alone detergent, it will have a use and discharge pH between 6 and 9 (this will be affected by the pH of the mix water). CIP 300 cleaner is free of perfumes and dyes, and is safe for use on aluminum and other soft metals.

FEATURES

Neutral pH between 6 and 9
Low-foaming at all use temperatures
Detergent booster

BENEFITS

No need to neutralize before discharge to sewer
Easy rinsing; also, will not cavitate recirculation pumps
Improves cleaning performance when added to existing products

PHYSICAL PROPERTIES

Form..... Slight yellow, clear liquid
Odor..... Mild
Specific gravity (77°F [25°C])..... 1.04, typical
pH (undiluted)..... 7.8, typical
Foam..... Low
Phosphates..... None

DIRECTIONS FOR USE

CIP 300 cleaner is designed to be low-foaming at all use temperatures. Typical operating temperatures range from ambient to 185°F (85°C). Typical use-concentrations for CIP 300 cleaner alone will range from 1-6 oz/gal (0.8-4.7% v/v), depending upon residue type, residue load, available water temperature and time allotted for cleaning.

For high melting point hydrocarbon-type residues (waxes, petrolatums, etc.), CIP 300 cleaner can be used to boost the effectiveness of other cleaning products. Its superior dispersive properties provide emulsification power to tackle these tough-to-remove residues.

A titration for use-concentration determination (Test Kit EQ1411).

See your local STERIS sales representative for methods for testing of residuals of CIP 300.

STORAGE AND DISPOSAL

Storage

This product should be stored in an area where it is not exposed to extreme temperatures. Product may freeze. Swirls and precipitate may occur in frozen material, but readily go into solution when thawed and mixed.

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 Material Safety Data Sheet (MSDS) for the product. For additional information regarding incidents involving human and environmental exposure, call 314-535-1395.

For further information, please contact:

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