

QUEL CIP HD

Concentrated Liquid Caustic Detergent

Description

QUEL CIP HD is a concentrated liquid caustic detergent, formulated for spray, soak and circulation cleaning. Its formulation allows for use in waters with moderate to high hardness. **QUEL CIP HD** was designed for use in CIP cleaning, pasteurizers, food processing and storage equipment, and bottlewashing.

Authorization/Approvals

QUEL CIP HD meets the United States Department of Agriculture's 1998 A2 guidelines.

A2. Compound for use only in soak tanks or with steam or mechanical cleaning devices in all departments.

Before using this compound, food products and packaging materials must be removed from the room or carefully protected. After using these compounds, all surfaces in the area must be thoroughly rinsed with potable water

Key Properties

Highly chelated preventing scale formation and soil redeposition

Contains complete package of builders, conditioners, and wetting (no additives needed)

Can be added to "light duty" cleaners as a complete booster

Versatile formulation for heavy cleaning

Technical Data:

Appearance:	Clear Liquid
Odor:	Faint Ammonia
Specific Gravity:	1.5
pH, 1%:	13.8
Phosphorus, as P:	0.23%

Use Instructions

QUEL CIP HD is used at 0.2 – 2.0% concentration in most applications, and can be used at temperatures from 100-175°F.

CIP Cleaning

Circulate 0.2 to 2% causticity solution at 125F -175°F.

Dairy Pasteurizers

Circulate 1.0 to 2% solution at temperatures 10°F over process temperatures.

Food Processing and Storage Equipment

Use at 0.2 to 2% solution, at 150°F.

Acid descaling may be required prior to use. A sanitizer may be desired after the use of **QUEL CIP HD**.

Test Method

Use Caustic Test Kit #409239

Sample size: 10 mL

Indicator: Phenolphthalein

Factor	Concentration Units
0.060	oz / gal
0.471	mL/L

For higher use concentrations (more than 2 oz /gal.) use Causticity Test Kit #409224.

Sample size: 10 mL

Indicator: Phenolphthalein

Factor	Concentration Units
0.213	oz / gal
1.664	mL/L

Safe Handling and Storage Instructions

Store in original containers or in an approved bulk container, away from extreme temperatures. This product is highly alkaline; please refer to the MSDS for full handling and disposal recommendations.

Material Compatibility

QUEL CIP HD is safe to use on steel, stainless steel, and glass at recommended concentrations and temperatures. **QUEL CIP HD** should not be used on soft metals unless corrosion or etching is desired.

Disposal

Any disposal of this product should be in compliance with all federal, state and local regulations.

Precautions

KEEP OUT OF THE REACH OF CHILDREN.

Please refer to the label and Material Safety Data information for all warnings, recommendation for safety equipment, and other regulatory information. Copies of the Material Safety Data information can be ordered by calling 800 438 2647.