



# 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 water with moderate to high hardness. QUEL CIP HD was designed for use in CIP cleaning, pasteurizers, bottle washing, food processing and storage equipment. QUEL CIP HD also meets USDA 1998 A2 Guidelines.

### KEY PROPERTIES:

- Highly chelated, preventing scale formation and soil redeposition
- Contains complete package of builders, conditioners, and wetters (no additives needed)
- Can be added to "light duty" cleaners as a complete booster
- Versatile formulation for heavy cleaning

### TECHNICAL DATA:

TEST	RESULT
Appearance	Clear liquid
Odour	Faint ammonia
Specific Gravity	1.5
pH (1% solution)	12.8
Phosphorus	0.23%

### MATERIAL COMPATIBILITY:

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

### RECOMMENDED USE:

QUEL CIP HD is used at 0.2-2.0% concentration in most applications and at temperatures from 37- 80°C. Acid descaling may be required prior to use. A sanitiser may be desired after the use of QUEL CIP HD.

CIP Cleaning: Circulate 0.2-2.0% solution at 52 - 80°C.

Dairy Pasteurisers: Circulate 1.0-2.0% solution at temperatures 10°C over process temperatures.

Food Processing and Storage Equipment: Use at 0.2-2.0% solution, at 65°C.

### 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 Concentrations >2.0%, Use Caustic Test Kit #409224

Sample Size: 10 mL; Indicator: Phenolphthalein

FACTOR	CONCENTRATION UNITS
0.213	oz. / gal.
1.664	mL / L

### SAFE HANDLING & STORAGE CONDITIONS:

Before handling, the Safety Data Sheet (SDS) should be read and understood by all personnel in contact with this product. Keep away from extreme temperatures.

### DISPOSAL:

Any disposal of this product should be in compliance with all federal, state, and local regulations. Please refer to the Safety Data Sheet (SDS) for instructions regarding proper disposal of this product.

### PRECAUTIONS:

#### KEEP OUT OF THE REACH OF CHILDREN.

Please refer to the label and Safety Data Sheet (SDS) for all warnings, recommendations for safety equipment, and other regulatory information. Copies of the SDS can be ordered by calling +61 3 9768 3860.

This information is presented in good faith, but no warranty, expressed or implied is given. The final determination of the suitability of the products for the application contemplated by the user is the sole responsibility of the buyer. This is an uncontrolled copy and changes can be made to this document without notice.