

QUEL ALK CIP

Heavy-Duty, Liquid, Chlorinated Cleaner

Description

QUEL ALK CIP is a heavy-duty, liquid, chlorinated cleaner designed for circulation and pressure spray cleaning of dairy, meat, and food processing equipment. As part of the DuBois "QUEL" family, its primary use is in automated CIP systems. Excellent results are obtained in these systems using low concentrations of **QUEL ALK CIP**. This versatile low foaming cleaner can also be used in COP applications.

Authorizations/Approvals

QUEL ALK CIP 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

- Chlorinated - effectively removes protein films
- Liquid - can be fed and controlled automatically in CIP systems
- Low foaming - improves rinsing, prevents pump cavitation, and ensures full pipeline circuits
- Good hard water control, free rinsing, leaves no hard water films.
- Minimizes acid cleaning cycles in most CIP operations
- Phosphate-free - acceptable for use in areas which restrict phosphate.

Technical Data

Appearance	Pale Yellow Liquid
Color	Yellow (may turn purple on standing)
Odor	Mild Chlorine
Specific Gravity	1.27
Available Chlorine:	3.0% (as packaged)
pH, 1%:	12.4
Phosphates:	None

Use Instructions

CIP and Spray Cleaning:

Cold process pipelines, bulk & process tanks, and product lines.

1. Rinse equipment immediately after use.
2. Circulate **QUEL ALK CIP** solution at a concentration of 1/3 to 2 oz/gal, 140°F to 150°F, for 15 to 30 minutes.

3. Rinse with potable water
4. Sanitize using the appropriate DuBois sanitizer.

Soak Cleaning (COP)

1. Add water to COP tank
2. Add **QUEL ALK CIP** to COP tank at appropriate concentration.
3. Turn on circulation pumps
4. Heat water to 120F – 140F
5. Add parts to be cleaned and allow to soak for minimum 20 minutes
6. Inspect and hand scrub as necessary
7. Drain COP tank and rinse parts
8. Properly sanitize clean parts

Test Method

Use Alkaline Test Kit #409879

Sample size: 10 mL

Indicator: Phenolphthalein

Factor	Concentration Units
0.042	oz / gal
0.330	mL/L

Material Compatibility

QUEL ALK CIP is safe when used as directed on stainless steel and masonry surfaces. It is safe for use on many plastics also. This product will promote rusting of mild and high carbon steels. It is corrosive to aluminum, zinc and galvanized surfaces.

Safe Handling and Storage Instructions

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

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, recommendations for safety equipment, and other regulatory information. Copies of the Material Safety Data information can be ordered by calling 800 438 2647.