



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 food, dairy, and meat 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.

KEY PROPERTIES:

- Chlorinated – effectively removes protein films
- Low foaming – improves rinsing, prevents pump cavitation, and ensure full pipeline circuits
- Good hard water control, leaves no hard water films
- Minimizes acid cleaning cycles in most CIP systems

TECHNICAL DATA:

TEST	RESULT
Appearance	Pale yellow liquid
Odour	Mild chlorine
Specific Gravity	1.27
pH (1% solution)	12.4
Available Chlorine	3.0% (as packaged)
Phosphates	None

TEST METHOD:

Use Alkaline Test Kit #409879

Sample Size: 10 mL

Indicator: Phenolphthalein

FACTOR	CONCENTRATION UNITS
0.042	oz / gal
0.330	mL / L

RECOMMENDED USE:

CIP and Spray Cleaning:

1. Rinse equipment immediately after use.
2. Circulate QUEL Alk CIP solution at a concentration of 2.3 – 15 mL/L, 60° - 65°C for 15 – 30 minutes.
3. Rinse with potable water.
4. Sanitise using the appropriate DuBois sanitiser.

Soak Cleaning:

1. Add water then QUEL Alk CIP to COP tank.
2. Turn on circulation pumps, heat bath to 48° - 60°C.
3. Add parts to be cleaned and allow to soak for 20 minutes minimum.
4. Inspect and hand scrub parts as necessary.
5. Drain COP tank, rinse parts and properly sanitise parts.

MATERIAL COMPATIBILITY:

QUEL Alk CIP is safe when used as directed on stainless steel, masonry surfaces, and many plastics. It will promote rusting on mild and high carbon steels and is corrosive to aluminium, zinc, and galvanized surfaces.

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