



QUEL ACID CIP



Acid Cleaner and Descaler

DESCRIPTION:

QUEL Acid CIP is a low foam, blended acid cleaner and descaler, designed to remove carbonate scales typical in many industries. QUEL Acid CIP is used in the food industry for molds, plates, and crates, as well as in CIP. The powerful blend of acids allows for the removal of hardness scales from heat exchange surfaces.

KEY PROPERTIES:

- Low foaming, ideal for spray and CIP operations
- Acid-blend makes it suitable for HTST cleaning
- Formulation aids in stain removal, leaving stainless surfaces enhanced; free rinsing
- Performance is unaffected by water conditions
- Versatile enough to be used under pressure and high agitation conditions

TECHNICAL DATA:

TEST	RESULT
Appearance	Clear, colourless liquid
Odour	Acidic
Specific Gravity	1.18
pH (4% solution)	1.2
Phosphorus	2.4%

TEST METHOD:

Use Acid Drop Test Kit #409724

Sample Size: 10 mL

Indicator: Phenolphthalein

FACTOR	CONCENTRATION UNITS
0.054	oz / gal
0.422	mL / L

RECOMMENDED USE:

Metering pumps must be compatible with nitric acid. Typical use concentrations are 3.9–31.25 mL/L at 43°-66°C depending on soil level and applications. When used in food and beverage applications, QUEL Acid CIP must be thoroughly rinsed from food contact surfaces. Contact your DuBois representative for specific use instructions for your application.

MATERIAL COMPATIBILITY:

When used at recommended concentrations, QUEL Acid CIP is safe for use on stainless steel, glass, rubber, and some plastic surfaces such as PVC and polyethylene. Mild steel, copper, brass, zinc, aluminium, and other soft metals are subject to corrosion. When carefully used at low concentrations, QUEL Acid CIP can be used to brighten aluminium, copper, and brass.

SAFE HANDLING & STORAGE CONDITIONS:

Before handling, the Safety Data Sheet (SDS) should be read and understood by all personnel in contact with this product. General indoor storage at room temperature is recommended.

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

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