

# QUEL Brew Add

Scale control additive and remover



## Description

QUEL BrewAdd is a concentrated, liquid chelant product suitable for all food and beverage industries. It can be added to non-chlorinated neutral and alkaline cleaning products to help control mineral scales. It enhances detergency and removes tough scales such as oxalates (beer stone) and calcium phosphates (milk stone). It is low foaming and can be used for soak and circulation cleaning applications. Use of Quel Brew Add as an additive can reduce or eliminate acid cleaning cycles; saving time, water and effort.

## Authorizations/Approvals

QUEL Brew Add meets the United States Department of Agriculture 1998 A3 Guidelines for:

A1. Compounds for use as general cleaning agents on all surfaces for use with steam or mechanical cleaning devices.

G5. Cooling and retort water treatment compounds. Chemical agents may be added to water to cook food and cool containers of meat and poultry products to prevent staining of containers and to control corrosion and deposit formation on surfaces of processing equipment. The amount used should be the minimum sufficient for the purpose.

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

## Key Properties

- Low foaming, ideal for spray and CIP use
- Formulation aids in both stain and scale removal, leaving equipment surfaces cleaner, brighter and scale free
- Effective against many mineral scales including Oxalate and Phosphate types

## Technical Data

Appearance	Colorless Transparent Liquid
Weight/gal.	9.3
lbs.	
pH Concentrate	>13
Phosphorous	None

## Use Directions

As an additive for alkaline cleaning in breweries and general CIP:

Pre-rinse equipment and prepare cleaning solution as per standard procedure. Quel Brew Add can then be used at concentrations of .3 – 2.0 fl.oz./gal. to control and remove beer stone. Circulate cleaning solution at temperatures of 135°F – 165 °F. Lower temperatures may require higher product concentrations to maintain performance. When alkaline cleaning cycle is completed rinse thoroughly with potable water.

For heavy beer stone:

Pre-rinse equipment and clean as per standard procedure. Prepare a concentrated solution of Quel Brew Add (10 – 15 fl.oz./gal.) and circulate through equipment and vessels for at least an hour at temperatures of 135°F – 165 °F. Circulation times of several hours may be required for complete removal.

## Dispensing

QUEL Brew Add can be dispensed automatically using timed feed.

## Test Method:

NA

## Material Compatibility

When used at recommended concentrations, QUEL BREW ADD is safe for use on: stainless steel, glass, rubber, plastics and other common materials of construction.

## Safe Handling and Storage Instructions

Store at room temperature. Please refer to the MSDS for appropriate PPE for the handling of this material.

## 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.