

# QUEL Brew QBW

## Oxygen Bleach Cleaner

### Description

**QUEL Brew QBW** is a non-caustic alkaline powder that contains an active source of oxygen bleach. Oxygen bleach effectively enhances cleaning and is more environmentally acceptable than chlorine. The product can be used for soak and also CIP cleaning with proper solution temperatures. **QUEL Brew QBW** is fully formulated with surfactants and hardness control agents to improve soil removal and rinsing.

### Authorizations/Approvals

**QUEL Brew QBW** meets the United States Department of Agriculture 1998 A1 Guidelines.

A1: Compounds for use as general cleaning agents on all surfaces, or for 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 this compound, surfaces must be thoroughly rinsed with potable water.

### Key Properties

- Product can be used for numerous applications in the brewing, institutional and food processing industries
- Suitable for CIP at temperatures of 130-135 °F.
- Powerful oxygen bleach for improved cleaning and de-staining action
- Safe on aluminum when used as directed
- USDA and Kosher approved

### Technical Data

Appearance	Free flowing white granular powder.
Available Oxygen	4 -5% minimum
Bulk Density (g/mL)	0.92 –0 .98
Foam	Low
pH (1 % solution DI Water)	11.34 – 11.84

### Material Compatibility

At recommended use dilutions **QUEL Brew QBW** is safe for use on stainless steel, aluminum, ceramic tile, rubber gasketing and most plastics.

### Application

For heavily soiled brewing equipment such as cookers, brew kettles and lauter tuns, use 1.0 – 2.0 wt.oz./gal. of **QUEL Brew QBW** . For lighter duty cleaning of fillers, kegs, fermenters etc. use .75 to 1.0 wt.oz./gal. Circulate cleaning solutions for 20 - 30 minutes at temperatures of 130-180 °F. Rinse with potable water and acid wash or sanitize as required.

**QUEL Brew QBW** can also be used for soak cleaning of equipment at the recommended ranges. For heavy duty soak cleaning up to 5 wt.oz./gal. can be used.

Sanitize with either Dicansan PAA or Dicansan CIP

### Test Method

Use Caustic Test Kit #409239

Sample size: 15 mL

Indicator: Phenolphthalein

#### Factor Concentration Units

0.079 for % by weight

0.105 for wt.oz./gal.

### Storage and Handling

Store product in a dry location away from heat and direct sunlight. Keep away from acids, bases, metals, metal salts, reducing agents, organic materials or flammable substances

Never return unused product to the storage container.

### Disposal

Please refer to the Safety Data Sheet (SDS) for instructions regarding proper disposal of this product. **QUEL Brew QBW** like all industrial solutions, may require some treatment before discharge. Consult your DuBois Representative for additional information.

### Precautions

KEEP OUT OF REACH OF CHILDREN.

Water is the preferred fire extinguishing medium when sodium percarbonate is present.

Please refer to the label and Material Safety Data sheet for all warnings and emergency information.

