# **Product Information**



### **BREW-CLEAN** NON-CAUSTIC BREWERY CLEANER

#### **CLEANS**

- Brewing Vessels
  - Brew kettles
  - Mash tun
  - Hot liquor tank
  - Lauter tun
  - Chillers
- Fermenters & Uni-tanks
- Lines
- Stainless kegs
- Returnable bottles

#### FEATURES/BENEFITS

- Non-caustic Safe on soft metals, enhanced personal safety
- Low-foaming Ideal for CIP
- Chlorinated
  - Removes stains
  - Removes "bluing" from stainless and protein deposits
- Economical full strength powder
- Concentrated blend of surfactants effectively penetrates soils and deposits
- Effective in hard water conditions free rinsing, leaves no residue

#### DESCRIPTION

BREW-CLEAN is a non-caustic, chlorinated alkaline cleaner, designed for use in all CIP/COP cleaning operations found in the brewery. BREW-CLEAN is formulated with sodium silicate, low/controlled foam surfactants, buffering compounds, water conditioning agents and a synergistic level of dry chlorine. BREW-CLEAN significantly outperforms products containing activated oxygen. The incorporation of chlorine provides fast acting stain removal, zeroing in on protein deposits and "bluing," with no sacrifice in personal safety.

The use of silicate as an alkaline builder provides a safer alternative to caustic based formulations. However, contrary to claims by other companies, silicate should not be considered a "mild alkali." Sodium silicate is a corrosive material that can, and will cause burns to the skin and eyes.

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### **BREW-CLEAN**

#### **USE DIRECTIONS**

- Use 1/2 to 3 ounces of BREW-CLEAN per gallon of water. Recirculate for 20 to 40 minutes; vessels at 140° F to 145° F; line circuits at 160° F. Rinse well with fresh water.
- For specific use recommendations, or answers to any cleaning or sanitation questions you may have, contact us at 1-800-248-8515.

#### TECHNICAL DATA

FORM	Powder
COLOR	White
ODOR	Slight
pH of a 1% SOLUTION	12
CHLORINATED	Yes
FOAMING	Low
BIODEGRADABLE	Yes
COMPATIBILITY 4410-L03-js	Metal safe when used as directed

Always observe label precautionary statements and follow the information provided in our Material Safety Data Sheet for this product. A safety video presentation is available on request.