

## ALKALINE CIP TECHNICAL DATA SHEET

### DESCRIPTION

Heavy Duty Alkaline Cleaner for soak, spray, or foam application. This concentrated hydroxide solution is a highly chelated, strong alkaline cleaner. For use in breweries and food processing plants for Clean-in-place (CIP) automated methods, where the highest standards of cleanliness are the criteria.

### PRODUCT INFORMATION

Alkaline CIP is ideal for use in soakers and dip tanks, or with spray applicators designed for alkaline cleaning of process equipment, components, hooks, trolleys, etc.; and for cleaning of kettles, tank exteriors, smokehouse walls and all surfaces that are impervious to strong caustic solutions.

The concentration, temperature and contact time are application specific. If uncertain about product application, please contact a BREWCLEAN representative before use of chemicals. Dispose of contents/container in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act.

### MATERIAL COMPATIBILITY

#### Metal:

304 & 316 stainless steel.  
Avoid prolonged exposure on all metal surfaces.

#### Plastic:

alkali-resistant plastics (PE, PP, PTFE, PVC, PVDF, EPDM, FKM)

### TECHNICAL DATA

#### Specific Gravity:

1.53 g/mL @ 20, pH: >13.5  
Freezing Point: - 28 °C



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Manufactured for Vitatek Solutions  
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Kelowna, BC  
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### CIP INSTRUCTION

#### Brew House Tanks Cleaning

1. Keep tank wet until ready to CIP Clean, then pre-rinse, repeat, as necessary.
2. Use at a rate of 20 - 40 mL of BREWCLEAN ALKALINE CIP per 1 liter of water. (15 ml per liter of water yields 1.0% causticity)
3. Circulate for 30-60 minutes.
4. Rinse and continue until pH of rinse water matches freshwater Ph.
5. Inspect tank for cleanliness. Repeat as needed.
6. Acid Wash and passivate (if needed) using Descaler.
7. Rinse until pH of water matches freshwater pH.
8. Sanitize as needed using Peroxyacetic Acid Sanitizer.



### PRECAUTIONS

This product contains caustic soda and chelating agents. When making a solution of this product, add slowly to cold water to prevent boiling and sputtering.

- Wear Proper PPE when handling.
- Store in sealed containers away from extreme temperatures.
- Consult SDS for detailed information.

Containers sizes:

19L, 32L, 56L, 112L, 205L