



# ***BrewAcid***

## **Non-Foaming Blended Acid Detergent**

### **DESCRIPTION**

**BrewAcid** is a non-foaming, nitric/phosphoric acid blended detergent designed specifically for use in the modern brewery. **BrewAcid** can be used to clean stainless kettles, fermenters, lines, kegs and tanks. **BrewAcid** can also be used to passivate stainless steel tanks and lines.

### **Advantages/Properties**

- Removes mineral films and soils from stainless steel surfaces.
- Liquid; easily dispensed through electronic devices and supply pumps.
- Non-foaming: prevents pump cavitation and is free rinsing. Leaves surfaces clean and bright.
- Blended acid; low use cost.

### **DIRECTIONS FOR USE**

#### **CIP Acid Cleaning**

Cold processing lines, storage tanks and fillers

1. Rinse equipment with potable water to drain before use.
2. Circulate **BrewAcid** at .25 – 4.0 per gallon at 105 – 155 F for 10-20 minutes. Rinse with potable water.
3. Sanitize equipment with the recommended Zee Company sanitizer.



### Passivating Stainless Steel using **BrewAcid**

1. Rinse equipment with potable water to drain.
2. Circulate **VibraSolve NF** at 4.0 ounces per gallon at 140 – 155 F for 10-20 minutes. Rinse with potable water to drain.
3. Circulate **BrewAcid** at 25% by volume at 140 – 145 F for 2 hours. Rinse with potable water to drain. Allow tank or lines to be exposed to the air and the surface allowed to dry prior to the next cleaning step.
4. Use **BrewCaustic Cleaner** at 140F-155F for circulation cleaning at .5% causticity for 10 – 20 minutes. Rinse thoroughly prior to using **BrewAcid** during the acid wash cycle.
5. Circulate **BrewAcid** at .25 ounces per gallon at ambient temperature for 10-20 minutes. Rinse with potable water.
6. Sanitize equipment with the recommended Zee Company sanitizer.

### Contact Zee Company for SDS documentation.

*DO NOT MIX THIS PRODUCT WITH ANY OTHER CHEMICAL UNLESS DIRECTED TO DO SO BY ZEE COMPANY!* Avoid contact with chlorinated products. Dangerous gasses may be released.

#### PHYSICAL PROPERTIES

Appearance:	Clear liquid
Weight per gallon:	9.72 pounds
Color:	Pink
Odor:	None
pH	<2
Chemical Stability:	Stable
Biodegradability:	Complete