



BrewAcid Plus

Multi-purpose, Low Foaming Blended Acid Detergent

DESCRIPTION

BrewAcid Plus is a low-foaming, nitric/phosphoric acid blended detergent designed specifically for use in the modern brewery. **BrewAcid Plus** can be used to clean stainless kettles, fermenters, lines, kegs and tanks. **BrewAcid Plus** 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.
- Leaves surfaces clean and bright.
- Blended acid; low use cost.

BrewAcid Plus acid detergent can be used to clean both Bright Beer tanks, filtered Product Lines and Kegs under CO₂ conditions thus reducing and or eliminating the use of caustic in cleaning operations.

Advantages/Properties

- Detergent package in BrewAcid Plus aids in the penetration, and removal of beer soils / beer stone found in Bright Beer tanks and filtered Product Lines and Kegs
- Allows brewery to clean under CO₂ conditions, eliminating the need to evacuate tank.
- Reduces tank turn-around time.
- Saves water, time and labor.



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 Plus** at .25 – 4.0 oz. per gallon at 105 – 155 F for 10-20 minutes. Rinse with potable water.
3. Sanitize equipment with the recommended Zee sanitizer.

Acid Cleaning under CO2 conditions

1. Rinse equipment thoroughly with potable water to drain before use.
2. Circulate **BrewAcid Plus** at 2 oz. per gallon with ambient temperature water for 20 - 30 minutes. Rinse with potable water.
3. Sanitize equipment with the recommended Zee sanitizer.

* Can be used under CO2 counter pressure.

Passivating Stainless Steel using **BrewAcid Plus**

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 Plus** 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 Plus** during the acid wash cycle.
5. Circulate **BrewAcid Plus** 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 the 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:	Mild
pH	<2
Chemical Stability:	Stable
Biodegradability:	Complete