

BRILLIANT™

Low Foam CIP Acid Blend for Stainless Steel Passivation

A powerful blend of phosphoric and nitric acids formulated to passivate and brighten stainless steel tanks, transfer lines, kegs and other stainless surfaces. Removes spots, deposits and micro-films of iron oxide (rust), foreign matter, beerstone, oxalates and other inorganic deposits from tank surfaces. Prevents these contaminants from leaching iron ions into beer, wine or other beverages and negatively affecting quality and taste. Leaves stainless surfaces sparkling with a passivation layer of chromium oxide. Low foaming formulation for use in CIP or manual cleaning processes.

Directions for Use

Before using this product, drain alkaline detergent used for removing protein deposits. Rinse thoroughly with clean water.

Initial Passivation: To passivate stainless tanks or equipment for the first time, use this product at a dilution of 8 oz. per gallon of water. Circulate for 20 minutes at 120°F. Drain the system and allow to air dry. The tank must dry completely in order to achieve complete passivation. Rinse with clean water and sanitize before reuse.

Re-Passivation: For subsequent passivation of stainless tanks or equipment, use this product at a dilution of 2 oz. per gallon of water. Circulate for 30 minutes at 120°F. Drain the system and allow to air dry. The tank must dry completely in order to achieve complete passivation. Rinse with clean water and sanitize before reuse.

Acid Rinse: Use this product at dilution rate of 2 oz. per gallon of water. Circulate for 30 minutes at 120°F. Drain the system and allow to air dry. Rinse with clean water and sanitize before reuse.

Please note: Sensitive metal alloys may require the use of a weaker concentration.

Safety Reminder

Consult product label and Safety Data Sheet (SDS) before use. SDS's may be downloaded from www.crown-chem.com.



Technical Specifications

Appearance	Clear Liquid
Odor	Characteristic
pH (1% solution, 22°C)	<2.0
Foaming	Very Low
Flash Point	None
Bulk Density (lbs/gal, 22°C)	10.54 ±0.1
Stability Range	40-100°F
Free Alkalinity (as Na ₂ O)	None
Solubility (in H ₂ O, 22°C)	100%
Phosphate Content (as P)	<10.0%

Product Number

97805
97855

Packaging

5 gal. pail
55 gal. drum