

Product Bulletin

PowerTemp

Low Foam Alkaline Industrial CIP Cleaner

A premium alkaline detergent for low foam CIP and circulation cleaning of tanks, vats, transfer lines, fillers, tumblers and other equipment in food processing operations, meat, poultry and seafood plants, breweries, bakeries, dairies, institutional kitchens, etc. Ideal for spray cleaning, machine washing, pumping through lines, and most other CIP cleaning processes where foaming is undesirable because of rinsing problems or damage to pumps. Removes difficult grease and soils quickly and effectively. Contains powerful alkalis and surfactants for unmatched emulsifying power. Fortified with extra chelating agents for superb performance in soft or hard water conditions. Non-flammable and biodegradable. Not recommended for use on aluminum, galvanized or other non-ferrous metals.

Directions for Use

CIP Cleaning: Flush vats, lines, etc. with water to remove residue. Prepare a solution of this product by diluting 2-8 ounces of detergent per gallon of warm water, depending on amount of soil to be removed. Heat solution, if possible, up to 160°F, then pump solution into lines, tanks or other equipment to be cleaned. Agitate and/or circulate solution for 10-15 minutes depending on amount of soil to be removed. For tanks and other accessible areas, scrub surfaces with a brush or sponge to improve soil removal. Allow solution several minutes contact time on surface to penetrate and dissolve soils. Drain system and rinse completely with potable hot water. A subsequent application of a no-rinse sanitizer may be required by local health authorities.

Cleaning with Spray Cleaning Equipment: Prepare a solution by dissolving 2-4 ounces of this product per gallon of warm water. Apply solution at low pressure to surfaces to be cleaned. Allow solution 5-10 minutes contact time on surface to penetrate and dissolve soils. Agitate with a brush or sponge to improve soil removal, then rinse completely with clean, high pressure water. Do not allow solution to dry on surfaces. For a foam booster additive, which will improve cling and cleaning on vertical surfaces, consult your sales representative.

Soak Cleaning: For stainless steel utensils and other items too small to be washed in-place, dissolve 2-4 ounces of this product per gallon of warm water in a sink or soaking vessel. Soak items for 10-30 minutes. Scrub utensils with a long-handled brush to remove soils. Rinse completely with clean water.

Machine Washing: To clean utensils, smallwares and other stainless steel items in a parts washer or dishmachine, consult your service representative for dilution and cleaning procedures.

Safety Reminder

Prior to using this or any cleaning product, make sure employees read and understand the hazard information found on the product label and Material Safety Data Sheet (MSDS). The label and MSDS will also provide information on handling precautions, protective equipment and first aid instructions which might be appropriate for this product.



Technical Specifications

Appearance	Brown Liquid
Odor	Characteristic
Alkalinity (as NaOH)	Very High
pH (1% solution)	>12.0
Foaming	None
Flash Point	None
Bulk Density	approx. 11.20 lbs./gal.
Solubility in Water	100%
Rinsing	Good
Chlorine Content	None
Phosphorous as P ₂ O ₅	<9.0%
Hard Water Performance	Excellent
Freeze/Thaw Stability	Moderate

Package Size Product Code

5 gal. pail	#13205
55 gal. drum	#13255