

Product Bulletin

FORMULA LC-50 Low Foam Chlorinated CIP Food Plant Detergent

A premium quality, chlorinated alkaline detergent for low foam CIP cleaning of machinery, tanks, pipelines, equipment and other hard surfaces in food processing plants. Ideal for agitated cleaning systems where excessive foam may cause problems with rinsing or damage to pumps. Formulated for demanding maintenance requirements in food processing operations, meat and poultry plants, seafood plants, dairies, breweries, canning operations, bottle plants, etc. Removes difficult grease, oil, carbon and soils quickly and effectively. Contains powerful alkalis and surfactants for unmatched emulsifying power. Fortified with chelating agents for excellent performance in hard water areas. Deodorizes while cleaning. Rinses completely. Non-flammable and biodegradable. Not recommended for use on aluminum, tin, galvanized or other non-ferrous metal surfaces.

Directions for Use

Important! Never dissolve this product in water exceeding 100°F as violent splattering of corrosive liquid may occur. Do not pour product into water. Sprinkle slowly onto water surface.

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 (100°F), 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. Rinse completely with potable hot water. A subsequent application of a no-rinse sanitizer may be required by local health authorities.

Cleaning with Pressure Washing or Steam 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.

Soak Tank 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.

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	White Powder
Odor	Chlorine
Alkalinity (as NaOH)	Very High
pH (1% solution)	>12.0
Foaming	Low
Flash Point	NA
Bulk Density	approx. 10.00 lbs./gal.
Solubility in Water	100%
Rinsing	Complete
DOT Classification	Corrosive
Chlorine Content	<3.0%
Phosphorous as P ₂ O ₅	<6.0%
Hard Water Performance	Very Good
Freeze/Thaw Stability	NA

Package Size

Product Code

100 lb. drum	#94801
300 lb. drum	#94803