

Product Bulletin

Ferrous Metal Cleaner

This product is an effective, low foaming detergent for removing grease, oil, dirt, varnish, engine enamels, loose carbon and rust from ferrous metal parts (iron and steel). Excellent for use in spray wash cabinets, recirculating tanks and heated immersion tank applications. Contains high levels of Sodium Hydroxide (Caustic Soda) for rapid, complete cleaning. Not recommended for use on aluminum, magnesium, zinc, galvanized or other non-ferrous metals.

Directions for Use

When adding this product to a hot vat, make sure the water has been cooled to 100°F (38°C) or lower to prevent boil-up or splattering of corrosive solution. Do not pour powder into water. Sprinkle powder slowly across surface. **NEVER add powder to hot solution.**

Hot Vats and Recirculating Tanks: Dissolve 8 -32 oz. of this product per gallon of water depending on soil level. Heat the solution to 180 - 200°F, then immerse the parts to be cleaned. The time required to clean will vary according to the solution temperature, agitation, and amount and type of soil to be removed. Remove clean parts and rinse with water, preferably in a water immersion bath. Use an approved test kit to assure continued alkaline strength of solution, and strengthen as needed with additional powder. Skim accumulated soil from surface to maintain cleaning effectiveness and increase the life of the solution.

Spray Wash Cabinets: Dissolve 1/2-8 ounces per gallon of warm water depending on soil level. Heat solution above 150°F. Overuse may result in poor cleaning performance and/or foaming. Follow manufacturer's directions for machine operation. Rinse parts thoroughly after cleaning.

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	Characteristic
Alkalinity (as NaOH)	Very High
pH (1% solution)	>12.0
Foaming	Very Low
Flash Point	NA
Bulk Density	approx. 10.00 lbs./gal.
Solubility in Water	100%
Rinsing	Excellent
Chlorine Content	None
Phosphorous as P ₂ O ₅	<10.0%
Hard Water Performance	Good
Freeze/Thaw Stability	NA

Package Size Product Code

50 lb. drum	#91450
100 lb. drum	#91401
300 lb. drum	#91403