

## Product Bulletin

# Non-Ferrous Metal Cleaner



This product is a highly effective, low foaming detergent for removing grease, oil, dirt and rust from ferrous (iron and steel) and non-ferrous (aluminum, zinc, tin) metals. Excellent for use in recirculating spray wash cabinets and heated immersion vat applications. Mild enough to use on delicate metals such as aluminum, but aggressive enough for heavy grease on steel. Ideal for use in automotive repair shops, equipment rental facilities, industrial machine and tool shops, service stations, auto dealers and more. Low foaming for trouble free use in agitated systems like spray cabinets. Rinses freely for minimum residue on cleaned parts. Highly concentrated and economical to use.

### Directions for Use

**Hot Vats and Immersion Tanks:** For aluminum and other **non-ferrous metals**, dissolve 1-4 ounces of this product per gallon of warm water (approx. 100°F) depending on soil level. Use at 140-160°F. Do not exceed 30 minutes soak time. Rinse cleaned parts thoroughly with water. For **ferrous metals**, concentration may be increased up to 16 ounces per gallon of water, temperature may be increased to 190°F, and soaking time may be exceed 30 minutes if desired.

**Spray Wash Cabinets:** Preheat water to 140°F. Turn on circulation pump and add ½ - 2 ounces of this product per gallon of water. Do not exceed 160°F wash temperatures or a 30 minute wash time. Follow manufacturer's instructions for equipment use.

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

### Package Size      Product Code

50 lb. drum	#91750
100 lb. drum	#91701
300 lb. drum	#91703