



## CHEM-GUARD RP-90 SYNTHETIC RUST INHIBITING COMPOUND

### TECHNICAL INFORMATION:

#### PRODUCT DESCRIPTION

Chem-Guard RP-90 is a synthetic, nitrite-free liquid rust inhibiting compound containing antioxidants, amines and corrosion inhibitors. Designed for steel corrosion protection. RP-90 is formulated for immersion tank, spray wash, hydrostatic leak detection, vibratory, spindle and barrel finishing applications. Solutions will dry stain-free on steel parts, leaving only a non-oily dry film.

#### BENEFITS

- Low foaming
- Forms a stable solution when diluted
- Easily removed from finished parts
- Longer fluid life due to resistance to rancidity and tolerance for hard water
- Rejects tramp oils
- Excellent for use as an in-process rust inhibitor on parts prior to plating or painting operations

#### APPLICATION

Chem-Guard RP-90 is a concentrated liquid intended to be diluted with tap water for maximum efficiency and economy. Use a 3 to 5% solution for rinse water in processing steel, vibratory, spindle and barrel finishing, and for final rinse. For water processing of cast iron, use a 5% solution. Can be added to water rinse in tanks, spray washers, hydrostatic leak detection immersion tanks and post-plating rinses.

#### CLEANABILITY

Water-soluble Chem-Guard RP-90 is easily removed from parts with cold water or a mild parts cleaner. Ask your sales representative for a Chem-Klean parts cleaner or call Leander Lubricants direct.

#### FOR INDUSTRIAL USE ONLY

#### RECOMMENDED CONCENTRATION

Duration	Dilution
1 to 3 months	10 to 15 to 1
3 to 6 months	5 to 10 to 1
6 to 12 months	Neat to 5 to 1

#### TYPICAL PHYSICAL PROPERTIES

Appearance (undyed)	Amber Liquid
(Dyed)	Blue Liquid
Odor	Mild chemical
Pounds per gallon	8.63
pH (20:1 mix by volume with water)	10.5
Flash Point (C.O.C.)	None
Effect of freeze-thaw cycle	Stable

#### TOXICITY & PRECAUTIONS IN HANDLING

Chem-Guard RP-90 is safe to handle in concentrated or diluted form. Exercise care consistent with good industrial practices. Adhere to prevailing OSHA safety regulations, guidelines and/or procedures for this class of product. Refer to Chem-Guard RP-90 Material Safety Data Sheet for additional information. MSDS can be requested by email to: [CustomerService@FalconIndustrialinc.com](mailto:CustomerService@FalconIndustrialinc.com)

#### AVAILABILITY

- 5-gallon pails
- 55-gallon drums
- Tote Tanks