

# WHIRLWASH – RI

## Multi-Metal Safe In-Process Rust Inhibitor

### Product Description

**WW-RI** is a highly concentrated liquid inorganic rust Inhibitor engineered for all iron, steel, yellow and soft metal parts when additional corrosion, oxidation or rust protection is needed. **WW-RI** is specifically designed to provide in-process rust protection and short-term indoor part storage. **WW-RI** provides superior rust protection in wash and final rinse sections of all aqueous industrial parts washers from heated high-pressure spray cabinets & conveyORIZED systems to free standing manual and immersion type tanks.

### Performance Features

- Highly Concentrated and Economical Formula Provides Low Volume Usage and Greater Economy
- Eliminates “Flash Rusting” of Parts After Process Cleaning Operations
- Provides In-Process Rust Protection for Parts Between Operations
- Provides Corrosion and Rust Protection for Indoor Short-Term Part Storage
- Excellent Rinseability Leaving Parts Clean, Bright, and Residue Free
- Contains NO Silicone Based Ingredients That Interfere With New Coatings or Paint
- Compatible with Automatic Replenishment Systems
- Biodegradable and Non-Hazardous
- Compatible With Most Alkaline Compounds When Simultaneous Use Is Required
- Does Not Contain Any Undissolved Particles To Plug Spray Nozzles Or Drain Systems

### Physical Specifications

Physical State	Liquid
Appearance	Clear, Water White
pH (Use Dilution)	= 9
Water Solubility	Complete
% VOC	0%
Rinseability	Excellent

### Equipment Requirements

WW-RI is safe for use in all standard mass finishing or process parts cleaning systems. Operation of equipment should be done in accordance with the equipment manufacturer's instructions.

### Product Make-Up

WW-RI is a concentrated industrial rust inhibitor. Dilute to specified strength concentrations.

## Concentration and Application Methods

### InProcess / Short Tern

Use WW-RI in the final rinse section after cleaning, deburring, descaling or burnishing operations. Add WW-RI at 0.5% - 2.0% by total volume of water.

### Manual

Pour the desired volume of WW-RI directly into the circulating wash or final rinse sump. Allow WW-RI to disperse between additions to prevent overuse.

### Automatic Metering Pump

Greater economy and consistent rust protection can be achieved by automatically metering in small predetermined amounts of WW-RI into the wash or rinse sumps or final rinse water supply line on a low-dose, continuous basis.

## Companion Products

See WHIRLWASH-P and WHIRLWASH-L Product Line.

## Safety and Handling

Read and understand this products MSDS before handling.

## Waste Treatment

Individual users should verify the nature of spent solutions to assure compliance with local, state, and federal regulations.

## Ordering Information

WW-RI is available in 4x1 gallon cases, 5 gallon pails, and 55 gallon drums.



# **ROTO-JET OF AMERICA COMPANY, INC.**

19425 Soledad Canyon Road, Ste 317 • Santa Clarita, CA 91351-2632  
Ph 661-299-2231 • Fx 661-299-9239 • Web [www.ROTO-JETOA.COM](http://www.ROTO-JETOA.COM)

---