

# SOLO|RI<sup>TM</sup>

## Aqueous Rust Inhibitor



Nonfood Compounds  
Registration No. 156959  
G5, G7

### SOLO|RI<sup>TM</sup> Aqueous Rust Inhibitor

(concentrated liquid) is an Environmentally Sensible, non-Hazardous, Non-HAPs, non-Combustible, Zero VOC, Biodegradable and Residue Free Corrosion Inhibitor. Developed to treat rinse water in the rinse tank in metal processing and fabrication plants, as well as, treatment of cooling and retort water, boilers and steam lines in and around food processing areas. It provides a cost effective solution to corrosion, flash rusting and discoloration from forming on ferrous and non-ferrous metals by delivering a corrosion resistant film on various metals including;

- ~ Cast Iron (High Carbon Steel)
- ~ Carbon Steel (AISI and SAE)
- ~ 400 Series Stainless Steel
- ~ Brass, Copper and their Alloys
- ~ Bronze
- ~ Titanium Alloys
- ~ Aluminum and their Alloys
- ~ Nickel Alloys

### SOLO|RI<sup>TM</sup> Aqueous Rust Inhibitor

DOES NOT CONTAIN any chemicals known to the State of California Prop 65 to cause cancer, birth defects, or any other reproductive harm. Contains NO Sodium Nitrate, Phosphates, Mineral Spirits, Phenols or Chrome compounds. No SARA 313 Ingredients. REACH Compliant.

**Suitable Equipment;** Immersion (with or without ultrasonic), Spray Under Immersion, In-line Spray, High Pressure Spray or Tumblers.

#### DIRECTIONS:

Use natural rubber gloves and goggles when handling.

For treatment of cooling and retort water, boilers and steam lines, add 1 - 2%

(concentration by volume). For treatment in rinse tank, use 1 - 2% concentration by volume) at an operating temperature of 68 °F - 110 °F .

#### CAUTION:

For Protecting Aluminum, Titanium, Brass, Copper and Copper Alloys, **DO NOT exceed operating temperature of 110 °F.**

IT IS HIGHLY RECOMMENDED these metals be rinsed off with distilled warm water containing **SOLO | RI<sup>TM</sup>** and filtered hot air to dry out the parts.

**For Adequate Rust Protection on FERROUS METALS** (Cast Iron, Steel & Stainless Steel) **DO NOT** Rinse off Parts with water.

### Typical Properties

<b>Appearance:</b>	Clear yellow concentrated liquid
<b>Flash Point:</b>	>200 Seta Flash
<b>Odor:</b>	Mild
<b>Surface Tension (dynes/cm 24) (water = 1.0):</b>	24
<b>pH (Full Strength):</b>	10.20
<b>pH (10% solution in water @ 68 °F):</b>	9.86
<b>Ideal Operating Temp (°F):</b>	68°F -110°F
<b>Ideal Operating Concentration:</b>	1 - 5 %
<b>Specific Gravity: (@ 68 °F)</b>	1.053 - 1.063
<b>Weight/Gal. (lbs. /gal.)</b>	9.21 - 9.22
<b>VOC Content (ASTM D-2369, Method 24)</b>	0
<b>Product #:</b>	02-W0109560



## DISPOSAL

Refer to SDS for use, disposal and additional safe handling

### SOLO|RI™ Aqueous Rust Inhibitor

Is biodegradable, **the spent material should not be disposed of in any sewerage system.** Solutions containing hazardous or non-hazardous coatings and other soils should be handled and treated according to Federal, State and Local Environmental Laws. Discharge your waste and rinse water according to Federal, State and Local Regulations.

## Safety & Handling Precautions

Refer to SDS for use, disposal and additional safe handling

### SOLO|RI™ Aqueous Rust Inhibitor

Direct contact **will cause a skin irritation or eye irritation**, it is important to utilize recommended gloves (Use Natural Rubber Gloves when handling this product), safety goggles and other suitable protective clothing your company recommends. Harmful if inhaled or swallowed. **Use product with adequate ventilation. Do Not take internally.** Keep out of reach of children; If splashed in eyes or on skin, wash off with plenty of water. If swallowed remove from exposure area. Never give anything by mouth to an unconscious person. Get medical advice/attention. (Refer to SDS Section 4 First Aid Measures.)

**HMIS Rating:** Health: 1; Fire: 0; Reactivity: 0

## Packaging & Storage

HDPE UN Rated

1 Gallon Easy Pour Containers,  
5 Gallon Pails,  
55 Gallon Steel Drums (closed cap)

This product should be kept in its original container above freezing and less than 100 °F.

**Store drums in a dry area.**

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