

SOLO | RITM

Short Term Aqueous Rust Inhibitor

Applications

SOLO | RITM Aqueous Rust Inhibitor is an additive for the rinse tank. Supplied as a concentrated liquid formula **designed for Short Term Rust Protection**. Residue free liquid, provides cost effective solutions to corrosion, flash rusting and discoloration problems by delivering a corrosion resistant film on various metals including Cast Iron, Carbon Steel, 400 Series Stainless Steel, Copper, Bronze, Aluminum and their Alloys. It provides a Full Corrosion Inhibition Package and extended bath life.

Environmentally
Safe

Non-HAPs

Zero VOC

General Properties

SOLO | RITM Aqueous Rust Inhibitor is an ideal replacement for Chlorinated Hydrocarbon Solvents and Mineral Spirits. No SARA 313, non-Hazardous, non-Flammable, non-HAPs, non-Corrosive, Non-carcinogenic, non-mutagenic, non-teratogenic.

Non-Flammable

Non-Caustic

Use Application

Following cleaning process use **1 - 2% concentration by volume diluted down with water in the rinse tank**, at an operating temperature of **68 °F - 110 °F** .

FOR Protecting Aluminum, Titanium, Brass, Copper and Copper Alloys

DO NOT exceed operating temperature of 140 ° F in the FINAL RINSE tank.

It is **highly recommended these metals be rinsed off with distilled warm water 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.

Suitable Equipment; Immersion (with or without ultrasonic),

Spray Under Immersion, In-line Spray, High Pressure Spray or Tumblers.

To obtain extended bath life, this product can be used with oil skimming or coalescing systems.

Biodegradable



Typical Properties

Appearance:	Clear yellow water thin liquid
Flash Point:	>200 Seta Flash
Odor:	Mild
Surface Tension (dynes/cm 24) (water = 1.0):	24
pH (Full Strength):	11.0 - 11.30
pH (10% solution in water @ 68 °F):	10.40 -10.60
Ideal Operating Temp (°F):	68°F - 110°F
Ideal Operating Concentration:	1 - 2%
Specific Gravity (@ 68 °F)	1.1053 - 1.1063
Weight/Gal. (lbs. /gal.)	9.21 - 9.22

Safety and Handling Precautions

SOLO | RI™ Aqueous Rust Inhibitor Direct contact **may cause a mild** skin or eye irritation, it is important to utilize recommended gloves (18 mil thick natural rubber), safety goggles and other suitable protective clothing your company recommends. Harmful if inhaled or swallowed. Do Not take internally. Keep out of reach of children; **Use product with adequate ventilation.** If splashed in eyes or on skin, wash off with plenty of water. If swallowed remove from exposure area, do not induce vomiting, washout mouth thoroughly with water and drink several glasses of water. Keep at rest. Call a physician immediately. **Refer to material safety data sheet prior to use.**

Disposal

Solutions containing hazardous or non hazardous oils, grease, cutting fluids and other contaminants should be handled and treated according to Federal, State and Local Environmental Laws. Even though **SOLO | RI™ Aqueous Rust Inhibitor** is biodegradable, the spent material should not be disposed of in any sewerage system. Discharge your waste and rinse water according to Federal, State and Local Regulations.

Storage/Packaging

Packaged in HDPE UN Rated 1, 5 gallon pails, and 55 gallon drums. This product should be kept in its original container above freezing and less than 100 °F. **Store drums in a dry area.**

HMIS Rating

Health 1 Fire 0 Reactivity 0

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