



Global Specialty Products

USA, Inc

SOLO-RI™ - ULTRA

LONG TERM AQUEOUS RUST INHIBITOR— ZERO VOC

Non-HAPs, 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.

ENVIRONMENTALLY FRIENDLY - NON FLAMMABLE - BIODEGRADABLE:

NO - Sodium Nitrile Silicates, Phosphates, Mineral Spirits, Phenols, or Chrome Compounds

NO SARA Title 313 or HAPPS Reporting
Minimum safety, handling & storage is required

WORKER FRIENDLY:

Non-carcinogenic, non-mutagenic, non-teratogenic

EASY TO USE - NO RINSING REQUIRED:

Use diluted down with water 1 - 5% concentration
At an operation temperature of 68 - 100 °F.

TYPICAL PROPERTIES

Appearance	Clear Yellow Liquid	Flash Point (°F)	>200
Odor	Mild	Surface Tension (dynes/cm)	24
pH (10% solution in water @ 68 °F)	9.86	Ideal Operating Temp (°F)	68 - 100
pH (Full Strength)	10.20	Ideal Operating Concentration	2- 3%
Specific Gravity (@ 68 °F)	1.083	Weight/Gal. (lbs. /gal.)	9.0

LONG TERM RUST PROTECTION:

- 2 - 5% concentration will provide up to 4 weeks
- 5 - 10% will provide 4 weeks and beyond

APPLICATION PROCESS:

Depending on the metals, 3 - 10 minutes submersion of components in diluted **SOLO RI™ ULTRA**, with water at operating temperature of 68 - 100 °F as follows:

INDUSTRIAL CLEANERS:

An additive for the rinse tank, no final rinsing is required, use 2 - 3 % by volume concentration.

FLASH RUSTING OF METAL COMPONENTS - STEEL (CAST IRON), COPPER, COPPER ALLOYS:

- 2 - 3% CONCENTRATION - SEVERAL DAYS OF PROTECTION
- 4 - 7% BY VOLUME CONCENTRATION - UP TO 4 WEEKS
- 5 - 10% BY VOLUME CONCENTRATION - OVER 1 MONTH

DISCOLORATION OF ALUMINUM:

- 1 - 5% BY VOLUME CONCENTRATION

DISPOSAL:

Solutions containing hazardous or non hazardous soils should be handled and treated according to Federal, State and Local Environmental Laws. Even though **SOLO RI™ ULTRA** is biodegradable, the spent material should not be disposed of in any sewerage system. The used material should be characterized and discharged according to Federal, State and Local Regulations.

PACKAGING/STORAGE:

Packaged in HDPE UN Rated 5 gallon pails, 55 gallon drums and 275 gallon totes. The 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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