**Chem-Crest 77**

*Rinse-injection short-term rust Inhibition concentrate*

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**Description**

Chem-Crest 77 is a rust inhibitor concentrate designed for use as a rinse injection into an overflowing ultrasonic rinse tank, although it may be used as a standard final dip in certain applications. This product will provide short-term oxidation protection if used as directed of mild and tool-grade steels, as well as high-carbon stainless steels.

**Substrate Compatibility**

Chem-Crest 77 is intended for use on steels only. This product should NOT be used on aluminum-, copper-, or zinc-containing substrates.

**Typical Usage**

Chem-Crest 77 is effective at the prevention of oxidation due to wash chemicals in use in the cleaning process, exposure to water, and hot-air drying as well as prior to coating applications, and prior to other further processing steps after the cleaning step.

**Operating Conditions**

Chem-Crest 77 is typically used at 1-2% by volume in ultrasonic rinsing applications as an injection into the rinse stages. Normal operating temperatures: 100 - 150°F, dependent on the material makeup of the substrate, and the substrate material. Contact your Crest representative for product-line specific recommendations.

**Physical Data**

- **Flash Point**: None
- **Specific Gravity**: 1.05 ± 0.02
- **pH**: 1% solution = 10.5 ± 0.75
- **Solubility in Water**: Complete
- **Volatile**: N/A

**Availability**

Chem-Crest 77 is available in cases of (4) x 1-gallon plastic bottles, 5-gallon pails, 55-gallon containers, and specialty sizes upon request.

For further information on this product, please contact the Chemical Sales Office at:

**Crest Ultrasonics Corp.**
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Crest Ultrasonics maintains sales offices in the United States, Malaysia, Singapore, Japan, Germany, the United Kingdom, India, and France.

Our chemicals are blended at our Philadelphia, PA office, Custom Blends, Inc. – A Division of Crest Ultrasonics.

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