

Chem-Crest[®] 45

Heavy-duty, caustic ultrasonic liquid detergent concentrate



Description

Chem-Crest 45 is a multipurpose, heavy-duty liquid detergent designed for use in the medical industry. It is useful in many applications demanding removal of various contaminants such as oils, greases, and particulates, light oxidation, and tough to remove contaminants.

Substrate Compatibility

Chem-Crest 45 is safe on ferrous metals, nickel, chromium alloys, titanium, plastics, glass, ceramics and silicon wafers when used as directed. **It is not to be used on aluminum, magnesium or zinc substrates.** Check with your Crest representative for alternatives.

Physical Data

Flash Point: None

Specific Gravity: 1.03

pH: 5% solution = 12.0 +/- 0.5

Solubility in Water: Complete

Volatiles: N/A

**These are typical values and do not constitute specifications.

Storage Conditions and Disposal Methods

Avoid freezing conditions. Dispose in accordance with Federal, State, and Local regulations and procedures. Contains potassium and sodium hydroxide.

Safety Precautions

See Safety Data Sheet

Operating Conditions

Typical dilution is 3-5% by volume for light soils and 5-10% by volume for heavy soils. A 20-25% solution can be used for de-rusting and de-scaling of ferrous metals. Typical use temperature: 140-170°F. Contact your Crest representative for product-line specific recommendations. Recommended rinsing water temperature: 120 - 150°F.

Typical Contaminants Removed

Chem-Crest 45 is designed to effectively remove various oils, greases, light oxides, buffing, lapping and polishing compounds, solder fluxes, welding fluxes, photoresists, airborne contaminants and baked-on carbonaceous Soils, as well as other soils.

Availability

Chem-Crest 45 is available in cases of (4) x 1-gallon plastic bottles, 5-gallon pails, 55-gallon containers, and custom bulk sizes.

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

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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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