

Chem-Crest[®] ProPass

*Ultrasonic liquid citric passivation
concentrate*



Description

Chem-Crest ProPass is a phosphate-free citric passivation concentrate and deoxidizer cleaner designed to remove surface contamination, increase corrosion resistance, remove discoloration, tarnishes, scales and oxides. It is an alternative for nitric acid passivation, and passes citric acid passivation evaluations such as ASTM A967. Contact a Crest Representative for further details

Substrate Compatibility

Chem-Crest ProPass is compatible with brass, bronze, copper, stainless steel, zinc and aluminum. It is safe on glass, ceramics and plastics. Ferrous surfaces (non-stainless steel) must be protected immediately after treatment with Chem-Crest ProPass with an appropriate rust inhibitor.

Physical Data

Flash Point: None

Specific Gravity: 1.05

pH: 2% solution = 2.6- +/- 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. No products contained in this concentrate are regulated under SARA Title III, Section 313.

Safety Precautions

See Safety Data Sheet

Operating Conditions

Recommended dilution is 10-20% by volume and 25% by volume for heavy descaling at temperatures of 150°-180°F. Passivation temperatures: 140°-160°F – 4minutes minimum. Passivation temperatures: 120°-140°F – 10minutes minimum. Passivation temperatures: 70°-120°F – 20minutes minimum. Contact your Crest representative for product-line specific recommendations. Recommended rinsing water temperature: 100 - 150°F.

Typical Contaminants Removed

Chem-Crest ProPass removes light oils, light scales and oxides, and general contaminants from the surfaces of parts. To extend the life of the bath, it is recommended to ultrasonically clean before passivation.

Availability

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

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

Crest Ultrasonics Corp.

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Ewing, NJ 08628

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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 in the USA.

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