

Chem-Crest® SolvaClean

Eco-friendly, non-flammable, azeotropic solvent blend used for precision cleaning applications



Description

Chem-Crest SolvaClean is a unique, high-performing, non-flammable, azeotropic fluorinated solvent blend explicitly developed as a safe, powerful, and environmentally favorable product for the critical cleaning of precision components and as a high-purity carrier solvent. In addition, the robust azeotropic structure means that Chem-Crest SolvaClean can be continually recovered by distillation within the vapor degreaser or an external recovery system. As a result, Chem-Crest SolvaClean suits various cleaning and degreasing applications, including engineered parts and electronic, optical, and medical components.

Physical Data

Flash Point: None

Boil Point: 44°C, 111.2°F

Specific Gravity: 1.267 @ 20°C

Solubility in Water: 0.06% @ 20°C

GWP: 30

Viscosity: 0.60 cPs

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

Storage Conditions and Disposal Methods

Store in a tightly closed original container in a cool, clean, dry, well-ventilated area with ambient temperatures between 27°C. Store away from incompatible materials and avoid exposure to the sun. Dispose of contents/container per local/regional/national/international regulations.

Safety Precautions

See Safety Data Sheet

Operating Conditions

Chem-Crest SolvaClean is used at 100% by volume in ultrasonic immersion and vapor degreasing applications. Contact your Crest representative for product-line-specific recommendations.

Typical Contaminants Removed

Chem-Crest SolvaClean removes oils, greases, hydrocarbons, paints, coatings, enamels, resins, drawing oils, adhesives, lapping compounds, fluxes and pastes, waxes, and ink markings. It is specifically designed to replace traditional solvents such as NPB, trichloroethylene (TCE), ozone-depleting hydrochlorofluorocarbons (HCFCs) like HCFC-225 (Asahiklin AK-225), and HCFC-141b and high global warming potential (GWP) hydrofluorocarbons (HFCs).

Substrate Compatibility

When used as directed, Chem-Crest SolvaClean is safe on various metals, including aluminum, brass, bronze, copper, steel, glass, and ceramics. Please ask your local representative for polymer compatibilities. Further material testing can be completed in the Applications Lab. Additional compatibility information found on following page.

Availability

Chem-Crest SolvaClean is available in 5-gallon (50.7 lb) pails and 55-gallon (529 lb) drums.

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

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Material Compatibility

Material	Compatibility
Acetal	R
Epoxy	R
Nylon	R
PEEK	R
Polyester	R
Polyethylene	R
Polypropylene	R
PTFE	R
ABS	I
Polystyrene	I
Acrylic	I
Polycarbonate	I
DuPont™ Kalrez™ Perfluoroelastomers	R
Butyl Rubber	R
Parfluor™ Perfluoroelastomers	R
Viton™ Fluoroelastomers	R
Polyurethane	R
Silicone	I
Fluorosilicone	I
Copper	R
Brass	R
Stainless Steel	R
Magnesium	R
Titanium	R
Aluminum	R
Carbon Steel	R
Cadmium	R

Legend	R = Resistant
	I = Incompatible

Additional material compatibility should be consulted with a Crest Ultrasonics representative

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