

ALPHA[®] BC-3350

Semi-Aqueous Terpene Defluxer

DESCRIPTION

ALPHA BC-3350 is a specially formulated semi-aqueous terpene de-fluxing cleaner that provides easy and convenient recycling or disposal of aqueous rinse water. It has been thoroughly tested in production and is effective in removing synthetic, water soluble and rosin-based flux residues.

ALPHA BC-3350, after being rinsed from the PCB, separates immediately from the water in a semi-static holding tank in semi-static holding tank at ambient temperature. This enables users to either discharge the water portion directly to drain without any pretreatment, in most situations, or to recycle the water back to the process after further 'polishing', to achieve an essentially zero discharge cleaning process.

READ ENTIRE TECHNICAL DATA SHEET BEFORE USING THIS PRODUCT

FEATURES & BENEFITS

- Suitable for use in manual or mechanical applications
- Superior strength for effective and efficient cleaning
- Safe for use on multiple metals: Copper, Aluminum, ferrous and precious metals
- Low Odor

APPLICATION GUIDELINES

ALPHA BC-3350 can be applied in spray, spray under-immersion, immersion (with ultrasonic) or spin-under-immersion systems at ambient temperature. Semi-aqueous in-line and batch systems designed to handle ALPHA BC-3350 properly are available from a wide variety of equipment vendors.

After applying ALPHA BC-3350, PCB's or assemblies are thoroughly rinsed with water, completely removing ALPHA BC-3350 and dissolved residues. Rinse water temperature of approximately 80 °F is recommended. For best ionic results, deionized water, cascaded forward, is also recommended. Ultrasonic should not be used in ALPHA BC-3350 water rinse sections.

After water rinsing, forced air and/or radiant heat is used to dry cleaned boards or assemblies.

TECHNICAL DATA

Item	Typical Values	Item	Typical Values
Appearance	Clear, Colorless to Pale Liquid, Free of Particles	Shelf Life (from Date of Mfg.)	1080 Days
Odor	Mild Citrus	Flash Point (T.C.C.)	117 °F (48 °C)
pH (5% in 1:1 n-Propanol : Water)	4.00 to 6.00	Flash Point (C.O.C.)	145 °F (63 °C)
Specific Gravity @ 25 °C (77 °F)	0.840 ± 0.010	Freezing Point	Below -40 °F (-40 °C)
Viscosity (25 °C)	0.8 cp	Vapor Pressure (20 °C)	< 2 mm Hg
Non Volatile Residues, Wt%	0.00 to 0.50%	COD, Concentrate	2.5 x 10 ³ g/L
Surface Tension	27 dynes/cm	Packaging Size	1 and 5 Gallons

SAFETY & WARNING

It is recommended that the company/operator read and review the Safety Data Sheets for the appropriate health and safety warnings before use. **Safety Data Sheets are available at MacDermidAlpha.com/assembly-solutions/knowledge-base**

STORAGE

ALPHA BC-3350 should be stored at room temperature in a ventilated, fire-resistant building.

CONTACT INFORMATION

**To confirm this document is the most recent version, please contact
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Also read carefully warning and safety information on the Safety Data Sheet. This data sheet contains technical information required for safe and economical operation of this product. READ IT THOROUGHLY PRIOR TO PRODUCT USE. . Emergency safety directory assistance: US 1 202 464 2554, Europe + 44 1235 239 670, Asia + 65 3158 1074, Brazil 0800 707 7022 and 0800 172 020, Mexico 01800 002 1400 and (55) 5559 1588

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