

# ALPHA<sup>®</sup> BC-2400

## Aqueous In-Line Cleaning Solution

### DESCRIPTION

**ALPHA BC-2400** is an aqueous board cleaner composed of a specially-engineered mix of oxygenated solvents. **ALPHA BC-2400** was designed to effectively clean a wide range of flux and paste residues while providing a low cost of ownership. Effective on no-clean flux, lead-free flux, rosin flux, tacky flux and uncured adhesives, **ALPHA BC-2400** is an extremely effective de-fluxer even at lower concentrations and is considered to be relatively benign and environmentally friendly.

READ ENTIRE TECHNICAL DATA SHEET BEFORE USING THIS PRODUCT

### FEATURES & BENEFITS

- Effective on Lead-Free solder paste
- Creates brilliant solder joints
- Long bath life
- Removes reflowed flux residues
- Removes SMT adhesives
- Low Foam
- Safe on precious metals
- Multi-metal safe
- Effective on tacky fluxes
- Non-Flammable
- Low cost of Ownership
- Environmentally-Friendly

### PRODUCT INFORMATION

<u>pH (10g/L):</u>	9.5
<u>Flash Point:</u>	100 °C / 212 °F
<u>Boiling Point:</u>	170 °C / 338 °F
<u>Water Soluble:</u>	Very Soluble
<u>VOC, @10%:</u>	94.2 g/L

**APPLICATION GUIDELINES**

Suggested Process Parameters:

Process Type	Concentration Range	Temperature Range	Rinse / Dry
Spray-In-Air	<15%	<60 °C / 140 °F	Hot DI H <sub>2</sub> O / Hot Air

The above conditions are meant to be starting ranges. Process parameters may be increased or decreased as needed depending on the specific parts and equipment involved. Your Alpha Technical Service Engineer or Sales Representative can assist you in optimizing your process parameters.

**AVAILABILITY**

ALPHA BC-2400 is available commercially in 25-liter containers.

**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](http://MacDermidAlpha.com/assembly-solutions/knowledge-base)**

**STORAGE**

ALPHA BC-2400 is to be stored at 5 to 30 °C / 41 to 86 °F using standard chemical handling practices. Packaged in polyethylene containers with the seal unbroken, ALPHA BC-2400 has a suggested shelf-life of five years.

**CONTACT INFORMATION**

**To confirm this document is the most recent version, please contact [Assembly@MacDermidAlpha.com](mailto:Assembly@MacDermidAlpha.com)**

[www.macdermidalpha.com](http://www.macdermidalpha.com)

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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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