

# ALPHA<sup>®</sup> OA5295HF

Water-Soluble, Organic Acid-Based Halogen-Free Flux

## DESCRIPTION

ALPHA OA5295HF is an organic acid-based water-soluble flux containing no halogen as an activator.

READ ENTIRE TECHNICAL DATA SHEET BEFORE USING THIS PRODUCT

## FEATURES & BENEFITS

- Designed for lead-free soldering of electronic component lead.
- Halide-Free. Maximum electrical integrity.
- Exhibits outstanding solderability against Cu and Fe-Ni alloy.
- Good warm water cleanability causing less foam.

## APPLICATION GUIDELINES

ALPHA OA5295HF flux can be applied by dip application technique. By subjecting the flux to pre-heat sufficiently, its activation system is optimized.

Post soldering flux residues should be removed after soldering as soon as possible. Thorough cleaning can be accomplished with 40 to 50 °C (104 to 122 °F) water. For critical cleanliness requirements, final rinsing with DI water may be required.

## TECHNICAL DATA

Item	Typical Values	Item	Typical Values
Appearance	Clear, pale yellow	Solids Content, wt/wt	~35%
Specific Gravity @ 25 °C (77 °F)	1.120 +/- 0.005	Shelf Life	540 Days
Acid Number (mg KOH/g)	211.00 +/- 20.00	IPC J-STD-004(B) Designation	ORH0

**RECYCLING SERVICES**

We provide safe and efficient recycling services to help companies meet their environmental and legislative requirements and at the same time, maximize the value of their waste streams.

Our service collects solder dross, solder scrap, and various forms of solder paste waste. Please contact your local sales representative for recycling capabilities in your area or [link here](#).



**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).**

**CONTACT INFORMATION**

To confirm this document is the most recent version, please contact  
**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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