

ALPHA[®] RADSOL BAKE 1

Industrial Flux

DESCRIPTION

ALPHA Radsol Bake 1 was developed from ALPHA Radsol 701 but is far more concentrated and has higher free acid. It is water based and is classed as a non-corrosive residue flux. It has been used with copper and copper based alloys for multiple decades. Its capacity to provide good clean radiator cores has made it the standard flux for the baking operation world-wide.

ALPHA Radsol Bake 1 contains a wetting agent that enhances its performance in industrial applications.

READ ENTIRE TECHNICAL DATA SHEET BEFORE USING THIS PRODUCT

FEATURES & BENEFITS

- Zinc Chloride Free - Ensuring minimal corrosive residues after soldering
- Strong – Can be diluted to reduce costs; should not be used for processes without efficient extraction because of the high free acid content
- Long Life at Soldering Temperature – Makes flux eminently suitable for radiator core baking
- Dilutable – Dilution with water is recommended. Dilution rates of up to 1 part flux to 19 parts water can be obtained with suitable process and product conditions.

APPLICATION

ALPHA Radsol Bake 1 is suitable for use with conventional and Lead-free soft solders on Copper and Copper alloy components. It has a long life at soldering temperature and best results are obtained when using efficient ovens. Application is by brushing, dipping or spraying. Foaming may occur where the flux is used at high strengths. ALPHA Radsol Bake 1 has a relatively high free acid content, which makes it suitable for dipping, but unsuitable for hand soldering. ALPHA Radsol Bake 1 is supplied in concentrated form and can be diluted up to 1 part flux to 19 parts water, depending on product and process conditions.

TECHNICAL DATA

Item	Typical Values	Item	Typical Values
Appearance	Clear, colorless to pale yellow liquid	Shelf Life (from Date of Mfg.)	2 Years
Specific Gravity @ 20 °C	1.21 to 1.25	Flash Point	Not Applicable
pH	< 1.00	Packaging Size	25 & 200 Liters
Odor	Slightly Acidic Odor		

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**

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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