

# ALPHA<sup>®</sup> RADSOL 301

## Industrial Flux

### DESCRIPTION

**ALPHA Radsol 301** is water based and classed as a non-corrosive residue flux. It has been used with Copper and Copper based alloys for over multiple decades. Its capacity to provide clean, easy soldering has made it the benchmark for the Radsol flux range.

**ALPHA Radsol 301** 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 inert, non-corrosive post-soldering residues
- Non-Carbonizing – Will not leave solid or oily black residues
- Suitable for Handwork – Low free acid content
- Medium Life at Temperature – Will stand reasonable time of heating and is suitable for radiator baking where welded tubes are used with very high efficiency baking ovens
- Concentrated – Use straight from the container. Most operations require flux at full strength. If dilution is required, water is recommended.

### APPLICATION GUIDELINES

ALPHA Radsol 301 is suitable for use with conventional and Lead free soft solders on Copper and Copper alloy components. It has a restricted life at soldering temperature and is normally used where the heating rate is high; e.g. torch soldering, with high efficiency ovens or high frequency operations. ALPHA Radsol 301 is often used in radiator production where the ability to leave clean bright joints is required. It is normally used at full strength.

**TECHNICAL DATA**

Item	Typical Values	Item	Typical Values
Appearance	Clear, colorless liquid	Flash Point	Not applicable
Specific Gravity @ 20 °C	1.05	Shelf Life (from Date of Mfg.)	2 Years
pH	1.0	Packaging Size	5, 25, 200 Liters
Odor	Slightly acrid		

**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**

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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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