

# ALPHA<sup>®</sup> 5708

## Soldering Oil

### DESCRIPTION

**ALPHA 5708** soldering oil is a synthetic organic fluid containing a special inhibitor for thermal stability to minimize solder dross formation and/or to improve solder wetting. It is completely soluble in water for use in aqueous cleaner. It is also solvent-soluble.

READ ENTIRE TECHNICAL DATA SHEET BEFORE USING THIS PRODUCT

### FEATURES & BENEFITS

- Comprises of oxidation-resistant synthetic organic fluid allowing extended life in soldering pot without decomposition
- Good rinsability; can be removed by aqueous or solvent cleaner
- Non-Corrosive; gives protection and self-lubrication to pump impeller of soldering machine
- Low smoke and smell; operator-friendly
- Low foaming in water washing; ideal for in-line aqueous cleaner

### APPLICATION GUIDELINES

The method of introducing the oil into the soldering equipment should conform to the recommendations of the equipment manufacturer. During production, the oil should be periodically examined and when signs of deterioration such as discoloration and charring appear, the oil should be replaced.

### TECHNICAL DATA

Item	Typical Values	Item	Typical Values
Appearance	Clear liquid	Flash Point	300 °C
Specific Gravity @ 25 °C (77 °F)	1.147 ± 0.01 g/mL	Shelf Life (from Date of Mfg.)	720 days
Viscosity (Brookfield, 25 °C)	1400 cps	Packaging Size	1, 5, and 55 gallons

**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](mailto:Assembly@MacDermidAlpha.com)  
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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