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TECHNICAL BULLETIN

ALPHA® K75-I and K99-I

Test Solutions

DESCRIPTION & APPLICATION GUIDELINES

ALPHA K75-I Extract Test Solution is designed to be used for cleanliness testing in compliance with MIL-P-28809. It consists of high purity Isopropyl Alcohol and De-Ionized Water.

Due to dissolved gases, the solution when first added to an ionic test instrument or other military-approved system will not read at the 20 meg-ohm level. It will be brought to this level after running through the proper de-ionization columns.

ALPHA K99-I Ratio Adjusting Solution is a pure Isopropyl Alcohol based make-up solution. In combination with the Solution Control Nomogram, its intended use is to restore the **ALPHA K75-I** Extract Test Solution to the desired alcohol/water ratio.

During use, alcohol vaporizes from the Extract Solution at a faster rate than does water. This is due to the greater volatility of the isopropanol. By regular monitoring of the alcohol percentage and correcting alcohol loss with **ALPHA K99-I**, accuracy of the ionic test instrument procedure is maintained.

READ ENTIRE TECHNICAL DATA SHEET BEFORE USING THIS PRODUCT

TECHNICAL DATA

ALPHA K75-I Properties	Typical Values	ALPHA K99-I Properties	Typical Values
Specific Gravity @ 77 °F	0.855	Specific Gravity @ 77 °F	0.783
Density @ 77 °F	7.12 lbs/gal	Density @ 77°F	6.52 lbs/gal
Flash Point °F	70 °F	Flash Point °F	53 °F
Volatile	100%	Volatile	100%

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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**

STORAGE

Keep in a cool dry place. Do not store in direct sunlight.

CONTACT INFORMATION

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