

## MATERIAL/CHEMICAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION					SECTION 3: HAZARDS IDENTIFICATION																																		
<p><b>Product Details</b></p> <p>Product Name: Cutting Fluid - High Speed</p> <p>Allied Item No.: 80-10150, 80-10155</p> <p>Chemical Name: Chemical/Synthetic Fluid</p> <p><b>Company Identification</b></p> <p>Allied High Tech Products, Inc. 2376 East Pacifica Place Rancho Dominguez, CA 90220 (310) 635-2466</p> <p><b>Contact Point</b></p> <p>Transportation for United States Chemtrec (800) 424-9300 * (202) 483-7616</p>					<p>No immediate hazard.</p> <p>Fire may produce CO, CO<sub>2</sub>, NO<sub>x</sub></p>																																		
<p><b>SECTION 2: COMPOSITION/INFORMATION ON INGREDIENT</b></p> <table border="1"> <thead> <tr> <th rowspan="2">Chemical Name</th> <th rowspan="2">CAS No.</th> <th colspan="2">Exposure Limits in Air</th> <th rowspan="2">Carcin. Y/N</th> </tr> <tr> <th>ACGIH TLV or TWA</th> <th>OSHA PEL</th> </tr> </thead> <tbody> <tr> <td>Triethanolamine 20-30%</td> <td>102-71-6</td> <td>5 mg/m<sup>3</sup></td> <td>NA</td> <td>N</td> </tr> <tr> <td>Monoethanolamine 1-10%</td> <td>141-43-5</td> <td>3ppm</td> <td>3ppm</td> <td>N</td> </tr> </tbody> </table> <p>The exact chemical identities and percentages of the raw materials used are trade secrets. This information is being withheld as provided for in the OSHA Hazard Communication Rule (29 CFR 1910.1200).</p>					Chemical Name	CAS No.	Exposure Limits in Air		Carcin. Y/N	ACGIH TLV or TWA	OSHA PEL	Triethanolamine 20-30%	102-71-6	5 mg/m <sup>3</sup>	NA	N	Monoethanolamine 1-10%	141-43-5	3ppm	3ppm	N	<p><b>SECTION 4: FIRST AID MEASURES</b></p> <table border="1"> <thead> <tr> <th></th> <th>Potential Health Effects</th> <th>First Aid/ Medical Info.</th> </tr> </thead> <tbody> <tr> <td>Eye Contact:</td> <td>Transient irritation.</td> <td>Remove contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes.</td> </tr> <tr> <td>Skin Contact:</td> <td>Possible defatting, nonirritating and/or nonsensitizer.</td> <td>Wash affected area immediately with warm water and soap. Remove contaminated clothing.</td> </tr> <tr> <td>Inhalation:</td> <td>Non-toxic.</td> <td>Remove to fresh air.</td> </tr> <tr> <td>Ingestion:</td> <td>Non-toxic.</td> <td>If large quantities are ingested seek medical attention immediately.</td> </tr> </tbody> </table> <p>Note:</p>				Potential Health Effects	First Aid/ Medical Info.	Eye Contact:	Transient irritation.	Remove contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes.	Skin Contact:	Possible defatting, nonirritating and/or nonsensitizer.	Wash affected area immediately with warm water and soap. Remove contaminated clothing.	Inhalation:	Non-toxic.	Remove to fresh air.	Ingestion:	Non-toxic.	If large quantities are ingested seek medical attention immediately.
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<p><b>SECTION 5: FIRE FIGHTING MEASURES</b></p> <p>Extinguishing Media: As appropriate for the surrounding fire. Alcohol foam, carbon dioxide, dry chemical or water.</p> <p>Fire Fighting Instruction: Wear full protective clothing and OSHA/NIOSH self-contained breathing apparatus with full facepiece.</p> <p>Special Hazards: None</p>																																							
<p><b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b></p> <p>Mop up or use dry absorbent.</p>																																							
<p>Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.</p>				<p><b>HMIS Ratings</b></p> <p>Health: 1</p> <p>Flammability: 0</p> <p>Reactivity: 0</p>																																			
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<p><b>SECTION 7: HANDLING &amp; STORAGE</b></p>	<p><b>SECTION 12: ECOLOGICAL INFORMATION</b></p>
<p>Handling: Avoid contact with skin and eyes. Wash hands thoroughly after handling. Do not swallow. Observe good housekeeping practices. This product contains amine. Do not add nitrite or other nitrosating agents to this product due to the potential for nitrosamine formation.</p> <p>Storage: Keep in tightly closed original container in well-ventilated areas.</p>	<p>No data available.</p>
<p><b>SECTION 8: EXPOSURE CONTROL &amp; PERSONAL PROTECTION</b></p>	<p><b>SECTION 13: DISPOSAL INFORMATION</b></p>
<p>Engineering Measures: General and/or local exhaust ventilation.</p> <p>Respiratory Protection: None</p> <p>Protective Gloves: None</p> <p>Eye Protection: Safety glasses or chemical splash goggles.</p> <p>Other: Eye wash and shower facility should be available.</p>	<p>If pre-treatment is needed, chemical treatment or ultrafiltration may be used. Dispose of waste material according to Federal, State and Local regulations.</p>
<p><b>SECTION 9: PHYSICAL &amp; CHEMICAL PROPERTIES</b></p>	<p><b>SECTION 14: TRANSPORT INFORMATION</b></p>
<p>Appearance: Dark blue liquid                  Odor: Mild                  Solubility: 100%                  Boiling Point: 209°F (98°C)                  Melting Point: NA                  Flash Point: NA                  Vapor Pressure: &lt;1                  Vapor Density: NE                  Evaporation Rate: &lt;0.032                  Specific Gravity: 1.103    VOC: 0.34 lbs/gal                  Flammable Limits LEL: NA                  Flammable Limits UEL: NA    PH: 9.1-10.0</p>	<p>The product is not regulated as hazardous by the Department of Transportation.</p>
<p><b>SECTION 10: STABILITY &amp; REACTIVITY</b></p>	<p><b>SECTION 15: REGULATORY INFORMATION</b></p>
<p>Stability: Stable</p> <p>Conditions to Avoid/Incompatibilities: Strong oxidizers, acids and alkalis.</p> <p>Decomposition Products: May produce carbon monoxide, carbon dioxide and NOx in a fire.</p> <p>Hazardous Polymerization: Will not occur.</p>	<p>Superfund: Does not contain any Section 302/304 Extremely Hazardous Substances or Section 313 Toxic Chemicals.</p> <p>Toxic Substance Control Act TSCA: All ingredients are TSCA listed.</p> <p>EPA Hazardous Waste Number: None</p> <p>For details on specific requirements, you should contact the appropriate agency in your state.</p>
<p><b>SECTION 11: TOXICOLOGICAL INFORMATION</b></p>	<p><b>SECTION 16: OTHER INFORMATION</b></p>
<p>Non-toxic.</p>	<p><i>WHMIS (SIMDUT) NOT REGULATED SUBSTANCE and all ingredients are listed on the Canadian DSL</i></p> <p><b>Legend</b>                  NAIF: No Applicable Information Found                  NA: Not Available/Applicable                  NE: None Established</p> <p><b>DISCLAIMER:</b> The above information and recommendations are believed accurate and reliable. Because it is not possible to anticipate all conditions of use, additional safety precautions may be required. ALLIED HIGH TECH PRODUCTS, INC. makes no warranty, either express or implied, as to its accuracy or completeness and none is made as to the fitness of this material for any purpose. The manufacturer/distributor shall not be liable for damages to person or property resulting from its use. Nothing herein shall be construed as a recommendation for use in violation of any patent.</p> <p>Form Prepared By: Allied High Tech Products, Inc. January 2013</p>