

## MATERIAL/CHEMICAL SAFETY DATA SHEET

### SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

#### Product Details

Product Name: Cutting Fluid - Low Speed

Allied Item No.: 60-20110, 60-20115

Chemical Name: Cutting Fluid/Lapping Vehicle

#### Company Identification

Allied High Tech Products, Inc.  
2376 East Pacifica Place  
Rancho Dominguez, CA 90220  
(310) 635-2466

#### Contact Point

Transportation for United States  
Chemtrec (800) 424-9300 \* (202) 483-7616

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENT

Chemical Name	CAS No.	Exposure Limits in Air		Carcin. Y/N
		ACGIH TLV or TWA	OSHA PEL	
Propylene Glycol 70-95%	57-55-6	NE	NE	N
Methyl Alcohol 5-30%	67-56-1	200 ppm	200 ppm	N

Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.

#### HMIS Ratings

Health: 2  
Flammability: 2  
Reactivity: 0

### SECTION 3: HAZARDS IDENTIFICATION

**Hazard Statement:** Not listed as a carcinogen by IARC, NTP or OSHA.

**Medical Restrictions:** Significant exposure to this chemical may adversely affect people with chronic disease of the nervous system, skin, gastrointestinal tract and/or eyes.

For Industrial use only by trained personnel.

### SECTION 4: FIRST AID MEASURES

	Potential Health Effects	First Aid/ Medical Info.
Eye Contact:	May cause eye injury. Liquid and vapor in high concentrations may cause irritation, tearing and burning sensation.	Flush with water for 15 minutes, holding eyelids open. Seek medical attention.
Skin Contact:	Repeated or prolonged contact may cause irritation and drying of skin. Repeated contact with methyl alcohol-soaked material may be toxic and cause vision effects and death.	Remove any contaminated clothing and wash skin with large amounts of water. Seek medical attention if irritation persists.
Inhalation:	Vapors may cause stupor, headache, nausea, dizziness, unconsciousness and blindness.	Remove victim to fresh air. If patient not breathing, give artificial respiration then administer oxygen if necessary. Seek medical attention immediately.
Ingestion:	Poisonous or fatal if swallowed. Small amounts may cause mental sluggishness, nausea, vomiting, and blindness.	Give two glasses of water and induce vomiting. Seek medical attention immediately.

Note:

### SECTION 5: FIRE FIGHTING MEASURES

**Extinguishing Media:** Alcohol foam, carbon dioxide or dry chemical.

**Fire Fighting Instruction:** Wear full protective clothing and OSHA/NIOSH self-contained breathing apparatus with full facepiece.

**Special Hazards:** Vapors can flash back to a source of ignition.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Eliminate ignition sources. If fire potential exists, disperse vapors with water spray. Contain with absorbent material such as clay, soil or any commercially available absorbent. Transfer contaminated absorbent, soil and other materials into recovery or salvage drums for disposal. Avoid runoff into storm sewers and ditches that lead to natural waterways.

<p><b>SECTION 7: HANDLING &amp; STORAGE</b></p>	<p><b>SECTION 12: ECOLOGICAL INFORMATION</b></p>
<p><u>Handling:</u> Use proper grounding procedures when transferring. Use spark-resistant tools. Use adequate ventilation. Avoid skin contact and breathing vapors; wash with soap and water after handling. Wash contaminated clothing thoroughly before re-use. Observe good house keeping practices.</p> <p><u>Storage:</u> Store in a cool ventilated area. Keep away from sparks, heat and flame. Keep container closed when not in use.</p>	<p>No information available.</p>
<p><b>SECTION 8: EXPOSURE CONTROL &amp; PERSONAL PROTECTION</b></p>	<p><b>SECTION 13: DISPOSAL INFORMATION</b></p>
<p><u>Engineering Measures:</u> Local exhaust system designed for flammable gas atmospheres to remove vapors.</p> <p><u>Respiratory Protection:</u> Use OSHA/NIOSH approved respiratory protection if level of air contaminants is excessive.</p> <p><u>Protective Gloves:</u> Neoprene or rubber gloves.</p> <p><u>Eye Protection:</u> Safety glasses or chemical splash goggles.</p> <p><u>Other:</u> Eyewash, safety shower and impervious clothing are recommended.</p>	<p>Incinerate or biological treatment in accordance to Federal, State and Local regulations.</p> <p><u>RCRA Hazardous Waste:</u> Methanol listed under 40CFR261</p>
<p><b>SECTION 9: PHYSICAL &amp; CHEMICAL PROPERTIES</b></p>	<p><b>SECTION 14: TRANSPORT INFORMATION</b></p>
<p>Appearance: Red liquid                  Odor: Mild astringent odor                  Solubility: 100%                  Boiling Point: 148°F (64°C)                  Melting Point: -76°F (-60°C)                  Flash Point: 110°F (43°C) Pensky-Martens closed cup                  Vapor Pressure: 8 mm/Hg @ 68°F (20°C)                  Vapor Density: 2.5                  Evaporation Rate: 0.14                  Specific Gravity: 1.018                  Flammable Limits LEL: 2.6                  Flammable Limits UEL: 36.5</p>	<p><u>DOT Shipping Name:</u> Flammable liquid, n.o.s. (Methanol) air shipment</p> <p><u>DOT Hazard Class:</u> 3</p> <p><u>DOT Id Number:</u> UN1933</p>
<p><b>SECTION 10: STABILITY &amp; REACTIVITY</b></p>	<p><b>SECTION 15: REGULATORY INFORMATION</b></p>
<p><u>Stability:</u> Stable</p> <p><u>Conditions to Avoid/Incompatibles:</u> Sulfuric acid, strong oxidizing agents such as hydrogen peroxide, nitric acid, perchloric acid and chromium trioxide.</p> <p><u>Decomposition Products:</u> Carbon monoxide and/or carbon dioxide.</p> <p><u>Hazardous Polymerization:</u> Will not occur.</p>	<p><u>SARA Title III:</u> Yes, subject to reporting under section 313.</p> <p><u>Toxic Substance Control Act TSCA:</u> All ingredients are TSCA listed.</p> <p><u>CA Proposition 65/Florida/Massachusetts/New Jersey:</u> Not known.</p> <p><u>Pennsylvania:</u> Propylene glycol; methyl alcohol.</p> <p><u>Canada WHMIS Hazard Class:</u> Not known.</p>
<p><b>SECTION 11: TOXICOLOGICAL INFORMATION</b></p>	<p><b>SECTION 16: OTHER INFORMATION</b></p>
<p>This material is not listed as a carcinogen by IARC, NTP or OSHA.</p> <p><u>Acute Toxicity:</u> Not listed</p>	<p><u>Legend</u>                  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>
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