



HIGH TECH PRODUCTS, INC.

2376 E. Pacifica Place Rancho Dominguez, CA 90220 (800) 675-1118 www.alliedhightech.com

## MATERIAL/CHEMICAL SAFETY DATA SHEET

### SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

#### Product Details

Product Name: Cutting Fluid - High Speed Oil-Based

Allied Item No.: 80-10140, 80-10145

Chemical Name: Chemical/Synthetic Fluid

#### 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	
Severely hydrotreated mineral oil 45-65%	64742-52-5	5 mg/m3	NA	N
Emulsifiers 30-50%	68608-26-4 67701-22-8 68154-86-9	NA	NA	N
Polar additives 1-5%	8019-28-2 61788-66-7	NA	NA	N
Chlorinated paraffin (C <sub>16-20</sub> , less than 50% chlorine) 5-15%	61788-76-9	NA	NA	N
Stabilizers & Inhibitors: 1-5% (Corrosion and fungi inhibitors; Na-benzoate; 2-propanol, 1-phenoxy; Ca-acetate; alpha-Tocopherol; citric acid; tartaric acid; ascorbylpalmitate; oleylscarosine; 1-hydroxyethyl-2-oleyl-imidazoline; glycerine and odorant)		NA	NA	N

This product does NOT contain: active sulfur, phenols, nitrites, formaldehyde or formaldehyde releasing substances, heavy metals, arsenic, dicyclohexylamine (DCHA), PCB, PCT, TCDD or other dioxin related substances.

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

#### HMIS Ratings

Health: 1  
Flammability: 1  
Reactivity: 0

### SECTION 3: HAZARDS IDENTIFICATION

**Special Hazards: Not recommended for machining magnesium due to significant fire and explosion hazards**

### SECTION 4: FIRST AID MEASURES

	Potential Health Effects	First Aid/ Medical Info.
Eye Contact:	Not expected to be irritating	Flush eyes with plenty of water for at least 15 minutes. Contact physician if necessary.
Skin Contact:	Not expected to be sensitizing	Wash affected area immediately with warm water and soap. Remove contaminated clothing and launder before re-use.
Inhalation:	Unlikely entry route	Remove to fresh air.
Ingestion:	Accidental only	Do NOT induce vomiting- pulmonary aspiration hazard. Consult a physician without delay. If involuntary vomiting occurs, ensure mouth is below hip level. Get medical attention.

Note:

### SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: CO<sub>2</sub>, dry chemical, foam

Fire Fighting Instruction: Wear self-contained breathing apparatus when fighting fires in confined spaces. Cool exposed containers with water mist to prevent pressure build-up.

Special Hazards: Not recommended for machining magnesium due to significant fire and explosion hazards

### SECTION 6: ACCIDENTAL RELEASE MEASURES

May cause very slippery conditions. Contain spill and recover free product. Absorb remainder using oil-binding agents. Prevent material from entering surface waters, storm sewers or soils.

<p><b>SECTION 7: HANDLING &amp; STORAGE</b></p>	<p><b>SECTION 12: ECOLOGICAL INFORMATION</b></p>
<p>Handling: Observe good housekeeping practices.</p> <p>Storage: Avoid direct solar irradiation of concentrate containers.</p>	<p>This product is classified as an oil. Spills into or leading to surface waters that cause a sheen should be reported to the National Response Center (800-424-8802).</p> <p>NFPA Storage: IIIB</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. Impervious gloves recommended where prolonged or repeated contact cannot be avoided.</p> <p>Eye Protection: Industrial safety glasses or chemical splash goggles.</p> <p>Other: Standard work clothing and shoes</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: Light brown liquid                  Odor: Almonds                  Solubility: Emulsifies                  Boiling Point: NA                  Melting Point: NA                  Flash Point: NA                  Vapor Pressure: Not volatile                  Vapor Density: NA                  Evaporation Rate: NA                  Specific Gravity: .98                  Flammable Limits LEL: NA                  Flammable Limits UEL: NA      PH: 8.5-9.2</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: Direct solar irradiation of concentrate. Strong oxidizers, cutting Magnesium</p> <p>Decomposition Products: Thermal decomposition (concentrate) above 176° F (80° C): trace amounts of HCl</p> <p>Hazardous Polymerization: Will not occur.</p>	<p>Canadian DSL/NDL Information: all ingredients are listed on the Canadian DSL.</p> <p>RoHS: This product conforms to the RoHS Directive in that the RoHS regulated materials are absent or their concentrations are significantly below regulatory thresholds.</p> <p>Toxic Substance Control Act TSCA: All ingredients are TSCA listed.</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>
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