

MATERIAL/CHEMICAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Details

Product Name: Diamond Suspension-
Propylene Glycol - (All Microns)

Allied Item No.: 90-29995 through 90-31045

Chemical Name: Abrasive Polishing Suspension

Company Identification

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

Contact Point

Transportation for United States
Chemtrek (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	
Water 65-90%	7732-18-5	NE	NE	N
Propylene Glycol 10-35%	57-55-6	NE	NE	N
Diamond <1%	7782-40-3	NE	NE	N

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

HMIS Ratings

Health: 1
Flammability: 1
Reactivity: 1

SECTION 3: HAZARDS IDENTIFICATION

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

Medical Restrictions: May aggravate existing dermatitis.

SECTION 4: FIRST AID MEASURES

	Potential Health Effects	First Aid/ Medical Info.
Eye Contact:	May cause irritation.	Flush with water for 15 minutes. Seek medical attention.
Skin Contact:	May cause minor irritation.	Wash affected area with soap and water.
Inhalation:	May cause minor irritation from hot vapor; otherwise none expected.	Remove to fresh air. Seek medical attention if irritation persists.
Ingestion:	None expected.	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: NA

SECTION 6: ACCIDENTAL RELEASE MEASURES

Wear suitable protective clothing and eye protection. 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.

SECTION 7: HANDLING & STORAGE	SECTION 12: ECOLOGICAL INFORMATION
<p>Handling: Avoid eye contact and prolonged skin contact; wash with soap and water after handling product. Observe good house keeping practices.</p> <p>Storage: Keep container closed when not in use. Store in a cool, dry place. Do not freeze.</p>	<p>No information available.</p>
SECTION 8: EXPOSURE CONTROL & PERSONAL PROTECTION	SECTION 13: DISPOSAL INFORMATION
<p>Engineering Measures: Local exhaust if mists are present; otherwise general ventilation.</p> <p>Respiratory Protection: Use organic vapor cartridge if level of air contaminants is excessive.</p> <p>Protective Gloves: Latex, vinyl or rubber gloves.</p> <p>Eye Protection: Safety glasses or chemical splash goggles.</p> <p>Other: Eyewash and safety shower are recommended.</p>	<p>Landfill or incinerate in furnace where permitted in accordance to Federal, State and Local regulations.</p>
SECTION 9: PHYSICAL & CHEMICAL PROPERTIES	SECTION 14: TRANSPORT INFORMATION
<p>Appearance: Opaque liquid with insoluble solids Odor: Virtually odorless Solubility: Soluble Boiling Point: 212°F (100°C) Melting Point: 30°F (-1°C) Flash Point: >200°F (93°C) Vapor Pressure: 17.5 mm/Hg @ 68°F (20°C) Vapor Density: NA Evaporation Rate: NA Specific Gravity: 1.01 pH: 8.0 Flammable Limits LEL: NA Flammable Limits UEL: NA VOC Content: 100-350 Grams/Liter</p>	<p>DOT Shipping Name: NA</p> <p>DOT Hazard Class: Non-hazardous</p> <p>DOT Id Number: NA</p>
SECTION 10: STABILITY & REACTIVITY	SECTION 15: REGULATORY INFORMATION
<p>Stability: Stable</p> <p>Conditions to Avoid/Incompatibles: Strong oxidizing agents, strong alkalis or strong basic amines.</p> <p>Decomposition Products: Carbon monoxide and/or carbon dioxide.</p> <p>Hazardous Polymerization: Will not occur.</p>	<p>SARA Title III: Not listed.</p> <p>Toxic Substance Control Act TSCA: All ingredients are TSCA listed.</p> <p>CA Proposition 65/Florida/Massachusetts/New Jersey: Not known. Pennsylvania: Propylene glycol</p> <p>Canada WHMIS Hazard Class: Not controlled.</p>
SECTION 11: TOXICOLOGICAL INFORMATION	SECTION 16: OTHER INFORMATION
<p>This material is not listed as a carcinogen by IARC, NTP or OSHA.</p> <p>Acute Toxicity (for 100% Propylene Glycol): Oral: LD-50 (rat): 21.0-33.7 g/kg Inhalation: LC-50 (rat): 65.8 ppm/8 hours Dermal: LD-50 (rabbit): 20.8 g/kg</p> <p>NOTE: These are not the values for <u>diluted</u> propylene glycol suspension and are listed for informational value only.</p>	<p>Legend NAIF: No Applicable Information Found NA: Not Available/Applicable NE: None Established</p> <p>DISCLAIMER: 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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