

MATERIAL/CHEMICAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION					SECTION 3: HAZARDS IDENTIFICATION		
Product Details Product Name: Aluminum Oxide Polishing Solution, 3-15 microns Allied Item No.: 90-187520 -90-187525 90-187555 -90-187595 90-187600 -90-187605 Chemical Name: Aluminum Suspension					Hazard Statement: Not listed as a carcinogen by IARC, NTP or OSHA. May cause irritation to skin and eyes.		
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 4: FIRST AID MEASURES		
					Potential Health Effects		First Aid/ Medical Info.
					Eye Contact:	Slightly irritating, high concentrations can cause conjunctivitis, not corrosive.	Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
					Skin Contact:	Slightly irritating, very low toxicity by absorption.	Wash affected area with a waterless hand cleaner and/or soap and water. Seek medical attention if irritation persists.
					Inhalation:	Spray mist or dry dust may cause congestion, coughing, granuloma in lungs.	Remove to fresh air. Seek medical attention.
					Ingestion:	Very low toxicity.	If material is swallowed, get immediate medical attention or advice. If conscious, give one to two glasses of milk.
					Note:		
SECTION 2: COMPOSITION/INFORMATION ON INGREDIENT					SECTION 5: FIRE FIGHTING MEASURES		
Chemical Name	CAS No.	Exposure Limits in Air ACGIH TLV or TWA	Carcin. OSHA PEL	Y/N	Extinguishing Media: Foam, carbon dioxide, dry chemical or water fog.		
Aluminum Oxide 78-80% measured by weight	1344-28-1	10 mg/m3 (as dry dust)	10 mg/m3 (as dry dust)	N	Fire Fighting Instruction: Wear full protective clothing and OSHA/NIOSH self-contained breathing apparatus with full facepiece. Avoid inhaling any combustion products.		
Deionized water 12- 20%	7732-18-5	NE	NE	N	Special Hazards: None		
Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.					SECTION 6: ACCIDENTAL RELEASE MEASURES		
HMIS Ratings Health: 1 Flammability: 0 Reactivity: 0					Stop the flow of material, if this is without risk. Wear appropriate protective equipment and clothing during clean-up. Contain with absorbent, inert material. Shovel reclaimed liquid and absorbent into recovery or salvage drums for disposal. Keep unnecessary personnel away.		
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<p>SECTION 7: HANDLING & STORAGE</p>	<p>SECTION 12: ECOLOGICAL INFORMATION</p>
<p>Handling: Avoid contact with skin and eyes. Observe good housekeeping practices and wash thoroughly after handling.</p> <p>Storage: Store in tightly closed container in a cool well-ventilated place.</p> <p>Keep from freezing.</p>	<p>Mobility: This product is water soluble and may spread in water systems.</p> <p>Degradability: The degradability of the product has not been stated.</p> <p>Ecotoxicity: Not expected to be hazardous to the environment.</p>
<p>SECTION 8: EXPOSURE CONTROL & PERSONAL PROTECTION</p>	<p>SECTION 13: DISPOSAL INFORMATION</p>
<p>Engineering Measures: General and/or local exhaust ventilation.</p> <p>Respiratory Protection: Use OSHA/NIOSH approved respiratory protection if level of air contaminants is excessive.</p> <p>Protective Gloves: Impervious glove. Use of impervious boots and apron recommended.</p> <p>Eye Protection: Safety glasses or chemical splash goggles.</p> <p>Other: Eye wash and shower facility should be available.</p>	<p>Dispose of waste material according to Federal, State and Local regulations. Dispose of contaminated packaging as residue.</p>
<p>SECTION 9: PHYSICAL & CHEMICAL PROPERTIES</p>	<p>SECTION 14: TRANSPORT INFORMATION</p>
<p>Appearance: Milky-white liquid Odor: None Solubility: Dispersible Boiling Point: 212°F (100°C) Melting Point: 32°F (0°C) Flash Point: NA Vapor Pressure: 1mm at 2158°C Vapor Density: NA Evaporation Rate: NA Specific Gravity: 3.98 pH: 7-8 Flammable Limits LEL: NA Flammable Limits UEL: NA</p>	<p>The product is not regulated as hazardous by the Department of Transportation or IATA.</p>
<p>SECTION 10: STABILITY & REACTIVITY</p>	<p>SECTION 15: REGULATORY INFORMATION</p>
<p>Stability: Stable</p> <p>Conditions to Avoid/Incompatibles: None specific</p> <p>Decomposition Products: None specific</p> <p>Hazardous Polymerization: Will not occur.</p>	<p>None</p>
<p>SECTION 11: TOXICOLOGICAL INFORMATION</p>	<p>SECTION 16: OTHER INFORMATION</p>
<p>Not relevant at normal room temperatures</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> <hr/> <p>Form Prepared By: Allied High Tech Products, Inc. January 2013</p>
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