

MATERIAL/CHEMICAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Details

Product Name: IS Cleaning Solution

Allied Item No.: 95-10250, -10255

Chemical Name: Alkali Strength Cleaner

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	
2-Butoxyetha <7%	111-76-2	25 ppm	25 ppm	N
Sodium Metasilicate <7%	6834-92-0	10 mg/m3	15 mg/m3	N

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

HMIS Ratings

Health: 2
Flammability: 1
Reactivity: 0

SECTION 3: HAZARDS IDENTIFICATION

Danger. Corrosive. May cause irritation of skin and respiratory tract. May be absorbed through skin. Clear, red liquid with butyl order.

SECTION 4: FIRST AID MEASURES

	Potential Health Effects	First Aid/ Medical Info.
Eye Contact:	Causes severe irritation experienced as discomfort or pain, excess blinking and tear production with redness and swelling of the conjunctiva.	Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention immediately.
Skin Contact:	Brief contact may cause slight irritation. Prolonged contact may cause more severe irritation with pain, local redness and swelling and possible tissue destruction.	Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing. Seek medical attention immediately.
Inhalation:	High concentrations of vapor or mists may cause irritation of the respiratory tract.	Remove to fresh air. If breathing difficult give oxygen.
Ingestion:	May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea and general weakness.	Seek medical attention immediately. Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow.

Note: Chronic Effects: 2-Butoxyethanol has caused red blood cell hemolysis in lab animals and secondary injury to the liver and kidney.

Target Organs: Liver, kidney.

This material is not listed as a carcinogen by IARC, NTP or OSHA.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Use appropriate method for combatting surrounding fire.

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

Special Hazards: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Stop all leaks. Isolate hazard area. Contain with absorbent material such as clay, soil or any commercially available absorbent. Prevent runoff from entering drains, sewers or other bodies of water. Transfer contaminated absorbent, soil and other materials into recovery or salvage drums for disposal.

<p>SECTION 7: HANDLING & STORAGE</p>	<p>SECTION 12: ECOLOGICAL INFORMATION</p>
<p><u>Handling:</u> Avoid contact with skin, clothing and eyes. Observe good housekeeping practices.</p> <p><u>Storage:</u> Store in a cool, dry place. Keep container closed when not in use. Follow all precautions even after container is emptied because they may contain product residues.</p>	<p>2-Butoxyethanol: Ecotoxicity: Toxicity to fish-flathead minnow; 96 h; LC 50 Results: 1700 mg/1</p>
<p>SECTION 8: EXPOSURE CONTROL & PERSONAL PROTECTION</p>	<p>SECTION 13: DISPOSAL INFORMATION</p>
<p><u>Engineering Measures:</u> General and/or local exhaust ventilation.</p> <p><u>Respiratory Protection:</u> Use OSHA/NIOSH approved respiratory protection if level of air contaminants is excessive. Use our organic vapor and particulate cartridge.</p> <p><u>Protective Gloves:</u> Impervious gloves, boots and apron.</p> <p><u>Eye Protection:</u> Safety glasses or chemical splash goggles.</p> <p><u>Other:</u> Eye wash and shower facility should be available.</p>	<p>Dispose of waste material according to Federal, State and Local regulations.</p> <p>RCRA Status: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes a hazardous waste it should be assigned RCRA code D002.</p>
<p>SECTION 9: PHYSICAL & CHEMICAL PROPERTIES</p>	<p>SECTION 14: TRANSPORT INFORMATION</p>
<p>Appearance: Clear, red liquid Odor: Butyl odor Solubility: Complete Boiling Point: 212°F (100°C) Melting Point: NA Flash Point: NA Vapor Pressure: NE Vapor Density: NE Evaporation Rate: NE Specific Gravity: 1.07 Flammable Limits LEL: NA Flammable Limits UEL: NA PH Concentrate 12.0</p>	<p><u>DOT Shipping Name:</u> Corrosive liquid, basic, inorganic, n.o.s., 8 II</p> <p><u>DOT Hazard Class:</u> UN 3266</p>
<p>SECTION 10: STABILITY & REACTIVITY</p>	<p>SECTION 15: REGULATORY INFORMATION</p>
<p><u>Conditions to Avoid/Incompatibles:</u> High temperature. Strong acids, alkalis and oxidizing agents.</p> <p><u>Decomposition Products:</u> None</p> <p><u>Hazardous Polymerization:</u> Will not occur.</p>	<p><u>Toxic Substance Control Act TSCA:</u> All ingredients are TSCA listed.</p> <p><u>SARA Title III Section 311/312 Hazardous Categories:</u> 40 CFR 370.2</p> <p><u>SARA Title III Section 302/304:</u> Extremely hazardous substances 40 CFR 355 Appendix A</p> <p><u>SARA Title III Section 313:</u> Toxic chemicals 40 CFR 372.65</p>
<p>SECTION 11: TOXICOLOGICAL INFORMATION</p>	<p>SECTION 16: OTHER INFORMATION</p>
<p>2-Butoxyethanol: Skin-rabbit; 24 hr uncovered-minimal erythema in 2/5; no irritation 3/5</p>	<p><u>Legend</u> NAIF: No Applicable Information Found NA: Not Available/Applicable NE: None Established</p> <p><u>DISCLAIMER:</u> 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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