

SECTION 1: IDENTIFICATION OF PRODUCT FORMULA: Mixture containing organic alcohols and electrolyte for electropolish of partial alloys. SYNONYM OR CROSS REFERENCE: ELECTROPOLISH LIQUID		as American Dental Supply, Inc. 2600 William Penn Hwy., Easton, PA 18045-5277 (800) 558-5925		MATERIAL SAFETY DATA SHEET	NFPA RATINGS HEALTH HAZARD: 2 FIRE & EXPLOSION: 1 REACTIVITY: 0 PROTECTION: C
SECTION 2: HAZARDOUS INGREDIENTS MATERIAL: Glycol solvent, <80%, CAS# 107-21-1; Electrolytes: Water, <8%, CAS# 7732-18-5. NATURE OF HAZARD: (a) IRRITANT to eyes and mucous membranes. Vapors are irritating to respiratory tract.		SECTION 6: REACTIVITY DATA STABILITY: Stable CONDITIONS TO AVOID: Flame, heat INCOMPATIBILITY (MATERIALS TO AVOID): Active metals, alkalis. HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition will form flammable vapors and irritating fumes. HAZARDOUS POLYMERIZATION: Will not occur.			
SECTION 3: PHYSICAL DATA MELTING POINT: °F: N/A BOILING POINT: °F: 387 with decomposition VAPOR PRESSURE: (mm Hg): 0.06 @ 68° F SPECIFIC GRAVITY: (H ₂ O=1): 1.2 @ 68° F VAPOR DENSITY: (Air =1): 2.1 WATER SOLUBILITY: Complete PH OF SOLUTION: Approx. 2 PERCENT VOLATILE: N/A EVAPORATION RATE: (n-ButAC =1): Less than 1 APPEARANCE: Clear, colorless to yellowish, slightly viscous liquid, mild odor.		SECTION 7: SPILL AND DISPOSAL PROCEDURES STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain liquid from spreading. Neutralize with Slaked lime mixture or ADS Acid Neutralizer. Absorb residue with clay or vermiculite. WASTE DISPOSAL METHOD: Dispose of solids in plastic container. Small quantities may be flushed down drain with water. Large quantities removed to waste disposal facility in accordance with state and local regulations.			
SECTION 4: FIRE AND EXPLOSION HAZARD DATA FLASH POINT (method used): 232° F, TCC FLAMMABLE LIMITS: L.E.L. 3.2% in air FIRE EXTINGUISHING MEDIA: Foam, CO ₂ , dry chemical SPECIAL FIRE FIGHTING PROCEDURES: None for lab quantities. UNUSUAL FIRE AND EXPLOSION HAZARD: Irritating fumes liberated. Container may rupture if exposed to extreme heat.		SECTION 8: PROTECTION INFORMATION VENTILATION: Local exhaust preferred when polishing. Mechanical (general) is acceptable if sufficient to keep levels below TLV. SKIN: Rubber or PVC gloves. EYES: Splash goggles or safety glasses. RESPIRATORY: Not normally required in lab use. OTHER PROTECTIVE EQUIPMENT: Eye-wash station.			
SECTION 5: HEALTH HAZARD THRESHOLD LIMIT VALUE: 50 ppm vapor, aerosol, 10mg/CUM. (ACGIH) HEALTH HAZARDS: Effects of overexposure to product. Skin: Contact with liquid may cause irritation. Eyes: Direct contact will cause irritation, redness and tearing. Inhalation: Vapors can cause irritation to the respiratory system and aggravation of pre-existing pulmonary conditions such as asthma. Ingestion: Material is toxic by ingestion in large quantities. Can cause irritation to digestive tract, CNS depression and kidney damage. FIRST AID PROCEDURES: Skin: Wash well with soap and water. If irritation develops or persists see a physician. Eyes: Flush well with cool water for 15 minutes and get medical attention. Inhalation: If affected, remove to fresh air and discontinue contact. If irritation persists contact a physician. Ingestion: DO NOT INDUCE VOMITING. Give large amounts of Milk of Magnesia and water and get immediate medical attention. CARCINOGENICITY: No ingredients identified as a carcinogen or potential carcinogen by NTP, IARC or OSHA.		SECTION 9: HANDLING AND STORAGE (lab quantities) Keep containers well closed. Store in cool, dry, well ventilated area. For laboratory or office use only. Keep out of reach of children. Avoid heat and direct sunlight. Normal precautions of laboratory good housekeeping and practices of handling irritating materials should be followed.			
		SECTION 10: MISCELLANEOUS INFORMATION If material foam or froths during use, adjust electrolytic conditions and keep the cell covered.			
		Revision Date: 3/98 Information Furnished By: L. D. Hochhauser Product Development Mgr.			
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