

**ELECTRO-CHEM ETCH METAL MARKINGS, INC.**

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**MATERIAL SAFETY DATA SHEET**

ESSENTIALLY SIMILAR TO US DEPARTMENT OF LABOR FORM OSHA-20

DATE OF PREPARATION: 06/01/09

**SECTION I NAME & PRODUCT**

CHEMICAL NAME: SCE-3 ELECTROLYTE FORMULA: TRADE SECRET

**SECTION II HAZARDOUS INGREDIENTS/ IDENTITY INFORMATION**

IDENTITIES OF COMPONENTS OF THIS PRODUCT ARE TRADE SECRETS AND ARE BEING WITHHELD IN ACCORDANCE WITH 29 CFR 1910.1200. SEE HEALTH HAZARD SECTION FOR ADDITIONAL INFORMATION.

HAZARD RATING (NFPA): HEALTH=1, FLAMMABILITY=0, REACTIVITY=0, SPECIAL=ACID

**SECTION III PHYSICAL/ CHEMICAL CHARACTERISTICS**

BOILING POINT: 220 Deg. F SPECIFIC GRAVITY: 1.5  
VAPOR PRESSURE (mm Hg) @ 70 Deg. F: 20  
MELTING POINT: N/A  
SOLUBILITY IN WATER: 100%  
APPEARANCE AND ODOR: CLEAR LIQUID, SLIGHT ODOR  
pH: 2

**SECTION IV FIRE & EXPLOSION HAZARD DATA**

FLASH POINT: NONE (NON FLAMMABLE)  
EXTINGUISHING MEDIA: N/A  
SPECIFIC FIRE FIGHTING PROCEDURE: NONE  
UNUSUAL FIRE & EXPLOSION HAZARDS: NONE

**SECTION V REACTIVITY DATA**

STABILITY: STABLE  
INCOMPATIBILITY (MATERIALS TO AVOID): NONE  
HAZARDOUS DECOMPOSITION PRODUCTS: WILL NOT DECOMPOSE  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR  
CONDITIONS TO AVOID: NONE KNOWN

ROUTE(S) OF ENTRY: INHALATION: NO, SKIN: YES, INGESTION: YES,  
HEALTH HAZARDS: HARMFUL IF INGESTED IN VERY LARGE AMOUNTS; CONTACT WITH EYES AND SKIN MAY CAUSE IRRITATION.

SECTION VI HEALTH HAZARD DATA

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: DERMATITIS MAY BE AGGRAVATED.

FIRST AID: EYES; FLUSH THOROUGHLY WITH WATER, SKIN; WASH WELL WITH SOAP AND WATER, INGESTION; GIVE LARGE AMOUNTS OF WATER, INDUCE VOMITING, AND CALL PHYSICIAN.

LISTED CARCINOGEN: NO  
OTHER TOXICOLOGICAL TEST DATA: NOT AVAILABLE.

SECTION VII SPILL, LEAK, AND DISPOSAL PROCEDURE

IN CASE OF SPILL, SOAK UP WITH ABSORBENT MATERIAL AND DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

SECTION VIII SPECIAL HANDLING INFORMATION

VENTILATION: LOCAL EXHAUST IS SUFFICIENT.  
RESPIRATORY PROTECTION: NONE NEEDED.  
SKIN PROTECTION: WEAR PROTECTIVE GLOVES IF DESIRED.  
EYE PROTECTION: WEAR SAFETY GOGGLES.

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