

MATERIAL SAFETY DATA SHEET

TRADE NAME:	ETCH 'N' SEAL
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CHEMICAL NAME: Aluminum Oxalate Phosphoric Acid

CHEMICAL FAMILY: Organic Acid Salt

I. PHYSICAL DATA

BOILING POINT (°C):	NE
MELTING POINT:	NE
SPECIFIC GRAVITY (H ₂ O=1):	NE
VAPOR PRESSURE (20°C):	NE
SOLUBILITY IN WATER:	Soluble
EVAPORATION RATE (Butyl Acetate=1):	NE
APPEARANCE AND ODOR:	Clear Gel

II. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	N/A
EXTINGUISHING MEDIA:	N/A
SPECIAL FIRE EXTINGUISHING PROCEDURES:	N/A
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Dangerous when heated to decomposition. Can emit toxic fumes.
LEL EXPLOSIVE LIMIT:	NE
VEL EXPLOSIVE LIMIT:	NE

III. HEALTH HAZARDS AND FIRST AID PROCEDURES

INHALATION:	N/A
SKIN:	Can cause burns. Remove clothing. Flush well with water.
EYES:	Flush with water for at least 15 minutes. Consult physician immediately.
INGESTION:	Do not induce vomiting. If conscious, take milk of magnesia. Consult physician immediately.
CARCINOGENICITY:	None known.

IV. REACTIVITY DATA

STABILITY:	Stable.
HAZARDOUS POLYMERIZATION:	Will not occur.
EFFECTS OF OVEREXPOSURE:	Violent muscular stimulation, convulsions and collapse. Acid can cause burns.
EMERGENCY FIRST AID:	Flush with water at least 15 minutes. Consult physician immediately.

V. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:	Absorb with absorbent material; flush area with water; highly toxic material.
WASTE DISPOSAL METHOD:	Dispose according to government regulations.

EMERGENCY PHONE NUMBER: (805) 922-8491

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DEN-MAT CORPORATION, 2727 SKYWAY DRIVE, SANTA MARIA, CA 93455