

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: E-6000 CLEAR (NON-FLAM) HMIS CODES: H F R P
PRODUCT CODE: C351010350 2* 1 1 H

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: ECLECTIC PRODUCTS INC.
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DATE REVISED : 02-24-92 NAME OF PREPARER : TIM AYERS

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
		OSHA PEL	ACGIH TLV	OTHER		
1,1,1-TRICHLOROETHYLENE	* 127-18-4	25 PPM	50 PPM	200 PPM	17.0 68F	67

Indicates chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.
PROPOSITION 65 STATEMENT: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING POINT: 250 Deg F SPECIFIC GRAVITY (H2O=1): 1.3
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
VAPOR PRESSURE: 7.56 LB/GL (906 G/L)
SOLUBILITY IN WATER: NEGLIGIBLE
APPEARANCE AND ODOR: CLEAR VISCOUS LIQUID

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: NONE METHOD USED:
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A
EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES
WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA).
COOL FIRE EXPOSED CONTAINERS WITH WATER.

UNUSUAL FIRE AND EXPLOSION HAZARDS
NONE.

AFTOSA
1034 OHIO AVE.
RICHMOND, CA 94804

===== SECTION V - REACTIVITY DATA =====

**STABILITY: STABLE
CONDITIONS TO AVOID**

AVOID EXTREME HEAT, FLAME OR SPARKS. AVOID CONTACT WITH ALUMINUM EQUIPMENT HAVING CONFINED SPACES SUCH AS PUMPHOUSINGS.

INCOMPATIBILITY (MATERIALS TO AVOID)

STRONG OXIDIZING AGENTS. AVOID MIXING WITH CAUSTIC SODA OR POTASH.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

I. TOXIC/IRRITATING GASES AND FUMES. II. MAYBE HCL, PHOSGENE, CO2, SIMPLE HYDROCARBONS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

POSSIBLE CENTRAL NERVOUS SYSTEM DAMAGE WITH OVEREXPOSURE. INHALATION CAN CAUSE IRRITATION OF THE RESPIRATORY TRACT, DIZZINESS, NAUSEA, LOSS OF COORDINATION, UNCONCIOUSNESS AND EVEN ASPHYXIATION IN CONFINED POORLY VENTILATED AREAS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

EYES: PRODUCT IN EYES CAN RESULT IN DISCOMFORT, PAIN AND IRRITATION.

SKIN: IRRITATION CAN DEVELOP FOLLOWING REPEATED AND/OR PROLONGED CONTACT WITH SKIN.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

VERY SLOW. WITH PROLONGED AND REPEATED CONTACT, SKIN ABSORPTION CAN OCCUR.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SINGLE DOSE ORAL TOXICITY IS LOW. INGESTION MAY RESULT IN IRRITATION OF THE MOUTH AND GASTROINTESTINAL TRACT ALONG WITH OTHER EFFECTS AS LISTED ABOVE FOR INHALATION. DO NOT INDUCE VOMITING.

HEALTH HAZARDS (ACUTE AND CHRONIC)

CAN CAUSE HEADACHE, MENTAL CONFUSION, DEPRESSION, FATIGUE, LOSS OF APPETITE, NAUSEA, VOMITING, COUGH, LOSS OF SENSE OF BALANCE, AND VISUAL DISTURBANCES. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DERMATITIS. PROLONGED EXPOSURE ABOVE OSHA PERMISSIBLE LIMITS MAY RESULT IN LIVER AND KIDNEY DAMAGE.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

IARC LISTS TETRACHLOROETHYLENE AS HAVING INADEQUATE EVIDENCE IN HUMANS AND LIMITED EVIDENCE IN ANIMALS TO EVALUATE CARCINOGENICITY.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

PRE-EXISTING EYE, SKIN, AND LUNG CONDITIONS.

EMERGENCY AND FIRST AID PROCEDURES

EYES: IRRIGATE WITH WATER, IF IRRITATION OCCURS GET MEDICAL ATTENTION.

SKIN: WIPE PRODUCT FROM SKIN AND FLUSH WITH WATER. IF IRRITATION OCCURS GET MEDICAL ATTENTION.

INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. CALL A PHYSICIAN. GIVE 1 OR 2 GLASSES OF WATER TO DRINK.

NOTE TO PHYSICIAN: NO SPECIFIC ANTIDOTE. SUPPORTIVE CARE. TREATMENT IS BASED ON JUDGEMENT OF THE PHYSICIAN IN RESPONSE TO REACTIONS OF THE PATIENT. GASTRIC LAVAGE MAY BE EFFECTIVE WITHIN FOUR HOURS OF INGESTION.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

- I. SMALL LEAKS: WIPE UP, MOP UP OR SOAK IMMEDIATELY.
- II. LARGE SPIILS: EVACUATE AREA; CONTAIN LIQUID; TRANSFER TO CLOSED METAL CONTAINERS; KEEP OUT OF WATER SUPPLY.

WASTE DISPOSAL METHOD

- I. RECLAIM OR INCINERATE THE NON-HARDENED PRODUCT.
- II. THE MATERIAL RESULTING FROM CLEAN UP OPERATIONS MAY BE HAZARDOUS WASTE AND THEREFORE, SUBJECT TO SPECIFIC REGULATIONS. DISPOSE OF ALL CLEAN UP MATERIALS IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, LOCAL HEALTH REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

- I. CONTROL AIRBORNE CONCENTRATION BELOW THE EXPOSURE GUIDELINE.
- II. USE ONLY WITH ADEQUATE VENTILATION.
- III. LETHAL CONCENTRATIONS MAY EXIST IN AREAS WITH POOR VENTILATION.

OTHER PRECAUTIONS

DO NOT USE IN POORLY VENTILATED OR CONFINED SPACES WITHOUT PROPER RESPIRATORY PROTECTION.
VAPORS ARE HEAVIER THAN AIR AND WILL COLLECT IN LOW AREAS.
USE ONLY WITH ADEQUATE VENTILATION.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

- I. IF VENTILATION IS INADEQUATE TO MAINTAIN TLV WEAR A NIOSH APPROVED AIR PURIFYING ORGANIC CARTRIDGE RESPIRATOR.
- II. FOR EMERGENCY AND OVER EXPOSURE, USE AN APPROVED POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS.
- III. IN CONFINED OR POORLY VENTILLATED AREAS, USE AN APPROVED POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS.

VENTILATION

ADEQUATE VENTILATION SHOULD BE PROVIDED TO KEEP VAPOR CONCENTRATIONS BELOW ACCEPTABLE EXPOSURE LIMITS.

PROTECTIVE GLOVES

GLOVES SHOULD BE WORN. NEOPRENE-LATEX GLOVES HAVE BEEN USED SATISFACTORILY.

EYE PROTECTION

SPLASHPROOF GOGGLES. ONLY REQUIRED IF HANDLING POSES A RISK OF EYE CONTACT.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

SHOULD BE USED WHEN NECESSARY TO PREVENT SKIN CONTACT.

WORK/HYGIENIC PRACTICES

DO NOT ALLOW EYE OR SKIN CONTACT. AVOID BREATHING VAPORS. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING.

===== SECTION IX - DISCLAIMER =====

DISCLAIMER

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE, OBTAINED FROM SOURCES BELIEVED BY ECLECTIC PRODUCTS INC. TO BE ACCURATE. SINCE THE CONDITIONS AND METHODS OF USE OF OUR PRODUCT ARE BEYOND OUR CONTROL, WE DISCLAIM ANY AND ALL LIABILITY ARISING OUT OF THE USE OF THIS PRODUCT OR THE INFORMATION PROVIDED HEREWITH.