

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ALL-PURPOSE SCREEN CLEANER **HMIS CODES: H F R P**
PRODUCT CODE: S-038 1 1 0 B

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

MANUFACTURER'S NAME: T. W. GRAPHICS GROUP
ADDRESS: 7220 East Slauson Avenue, City of Commerce, CA. 90040
EMERGENCY PHONE: 1-800-424-9300 **INFORMATION PHONE:** (323) 721-1400
DATE REVISED : 06-14-91 **NAME OF PREPARER** : N. G. DAVID

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

HAZARDOUS COMPONENTS	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
	CAS NUMBER	OSHA PEL	ACGIH TLV MFR TLV		
ethyl alpha HYDROXYPROPIONATE	97-64-3	NE	NE	2.0 OF	100

+++ No toxic chemical (s) subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372 are present. ++++++

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

BOILING POINT: 309 Deg F **SPECIFIC GRAVITY (H20=1):** 1.0
VAPOR DENSITY: HEAVIER THAN AIR **EVAPORATION RATE:** SLOWER THAN ETHER
COATING V. O. C. : 8.59 LB/GL (1029 G/L)
MATERIAL V. O. C. : 8.59 LB/GL (1029 G/L)
SOLUBILITY IN WATER: Miscible
APPEARANCE AND ODOR: Colorless liquid with characteristic odor.

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

FLASH POINT: 131 Deg F **METHOD USED:** TCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A **UPPER:** N/A

EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES

No special precautions required.

UNUSUAL FIRE AND EXPLOSION HAZARDS

None.

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

STABILITY: STABLE

CONDITIONS TO AVOID

Keep away from heat, sparks, and open flames.

INCOMPATIBILITY (MATERIALS TO AVOID)

Isolate from strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Normal combustion byproducts as carbon dioxide, carbon monoxide.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

N. A.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Eye and skin irritation may occur.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Skin irritation may occur.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

N. A.

HEALTH HAZARDS (ACUTE AND CHRONIC)

N. A.

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

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

N. A.

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes while holding the eyelids open. If irritation persists, seek medical attention.

SKIN CONTACT: Wash skin thoroughly with soap and water. If irritation persists, see a physician.

INHALATION: If there are acute or chronic symptoms, move person to fresh air, give artificial respiration, and call a physician.

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Eliminate open flames or ignition in the vicinity of spill or released vapor. Stop source of leak. Wash spills with water.

WASTE DISPOSAL METHOD

Wash away with water. Ethyl Lactate is biodegradable.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep container tightly closed. Do not get in eyes, on skin. Avoid breathing vapor.

OTHER PRECAUTIONS

H M I S RATINGS: H/1, F/1, R/0, P/B

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

RESPIRATORY PROTECTION

No special precautions required.

VENTILATION

Use adequate ventilation to keep airborne concentrations below exposure standards.

PROTECTIVE GLOVES

Use neoprene or nitrile gloves for direct handling.

EYE PROTECTION

Use chemical safety goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Solvent resistant aprons, eyewash fountain, safety showers are recommended.

WORK/HYGIENIC PRACTICES

Laundry contaminated clothing before reuse. Wash hands before eating, smoking.

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

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