

SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER: ELGENE DIVISION OF THE CHARGAR CORP.

299 WELTON STREET HAMDEN, CT 06517

TELEPHONE: 203/562/9948

PRODUCT CLASS: INDUSTRIAL CLEANING COMPOUND

CODE IDENTIFICATION: ELGACD

TRADE NAME: A-CD MULTIFUNCTIONAL ACID DETERGENT

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	ACGIH TLV		OSHA PEL	
	ppm	mg/cu.m	ppm	mg/cu.m
PHOSPHORIC ACID CAS NO. 7664-38-2 HMIS HEALTH=1 FLAMMABILITY=0 REACTIVITY=0	N/AVAIL	N/AVAIL	N/AVAIL	N/AVAIL
WATER CAS NO. DOES NOT APPLY HMIS HEALTH=0 FLAMMABILITY=0 REACTIVITY=0	N/A	-----	-----	-----
ETHYLENE GLYCOL CAS NO. 107-21-1 HMIS HEALTH=1 FLAMMABILITY=0 REACTIVITY=0	50	N/A	N/AVAIL	N/AVAIL

SECTION III - PHYSICAL DATA

BOILING RANGE: 0.0 TO 212.0 F VAPOR DENSITY: HEAVIER THAN AIR
 EVAPORATION RATE: SLOWER THAN ETHER WEIGHT PER GALLON: 9.89
 LB
 PERCENT VOLATILE BY VOLUME: 63.8 SOLUBILITY IN WATER: COMPLETE
 VAPOR PRESSURE: NOT APPLICABLE MELTING POINT: NONE
 APPEARANCE AND ODOR: CLEAR LIQUID WITH MILD PLEASANT ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

OSHA CATEGORY: NON COMBUSTIBLE LIQUID

FLASH POINT: 0.0 F TAG CLOSED CUP LEL: NONE UEL: NONE

EXTINGUISHING MEDIA: NOT COMBUSTIBLE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE
SPECIAL FIRE FIGHTING PROCEDURES: NONE

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: SEE SECTION II

PRIMARY ROUTES OF ENTRY: INGESTION, SKIN CONTACT, EYE CONTACT
SKIN CONTACT MILD TO SEVERE IRRITANT. EYE CONTACT CHEMICAL
BURNS LIKELY.

EFFECTS OF OVEREXPOSURE: IRRITANT, SLIGHTLY TOXIC WHEN INHALED
OR INGESTED. MAY CAUSE BURNS TO THE SKIN.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Respiratory difficulties or preexisting skin sensitization.

CARCINOGENICITY:

None of the components of this product are reported carcinogens.

EMERGENCY FIRST AID PROCEDURES:

INHALATION: remove to fresh air. Administer artificial respiration or oxygen if
breathing is difficult.

SKIN: Wash affected area with soap and water. remove and launder contaminated
clothing. Consult a physician if irritation persists.

EYES: flush immediately with large amounts of water for at least 15 minutes. take to a
physician for medical treatment.

INGESTION: Call a physician immediately.

SECTION VI - REACTIVITY DATA

STABILITY: NORMALLY STABLE

CONDITIONS TO AVOID: REACTIVE METALS AND BASES

INCOMPATIBILITY (Materials to avoid): STRONG ACIDS AND BASES

HAZARDOUS DECOMPOSITION PRODUCTS: AT FLAME TEMPERATURES

MAY EMIT TOXIC PHOSPHOROUS OXIDE FUMES

HAZARDOUS POLYMERIZATION: NONE CONDITIONS TO AVOID: NONE

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Provide adequate ventilation. Remove all possible ignition sources. Absorb and dispose
using non-sparking tools.

WASTE DISPOSAL METHOD:

Dispose of in accordance with local applicable regulations.

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SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

In outdoor or open areas use Bureau of Mines approved mechanical filter respirator to remove solid airborne particulates of overspray. indoors, where ventilation is inadequate, use Bureau of Mines approved chemical-mechanical respirators designed to remove both particulate and vapor.

VENTILATION:

PROTECTIVE GLOVES: Recommended if skin contact is likely.

EYE PROTECTION: Chemical splash goggles recommended if potential for splash or eye contact is likely.

OTHER PROTECTIVE EQUIPMENT: Recommended as needed to avoid contact.

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SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING OR STORING:

Store in a cool dry place away from heat, sparks, and open flame. Keep containers closed and upright to prevent leakage. Outside or detached storage is preferred. Inside storage should be in a standard flammable liquid storeroom or cabinet. Metal containers should be grounded when transferring material from one container to another. Do not reuse product container for any purpose.

OTHER PRECAUTIONS: None

PREPARED BY: TECHNICAL STAFF

REFERENCE DATE: SEPTEMBER 20, 1996

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