

M A T E R I A L S A F E T Y D A T A S H E E T

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REPLACES DATE: 03/11/93

PREPARER: TA

SECTION I - PRODUCT IDENTIFICATION

DRAIN MAINTAINER

LC750

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WT. PERCENT IS LESS THAN	OCCUPATIONAL EXPOSURE LIMITS (TLV-TWA)	SKIN DESIG- NATION	VAPOR PRESSURE mmHg 20C	KNOWN OR SUSPECTED CARCINOGEN	SEC 313
ETHYLENE GLYCOL BUTYL ETHER	111-76-2	5%	25 ppm	NO INFO	YES	0.1	NO

THIS PRODUCT CONTAINS ONE OR MORE MATERIALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND THE COMMUNITY RIGHT-TO-KNOW ACTS OF 1986 AND OF 40 CFR 372.

N.A. - NOT APPLICABLE

SECTION III - PHYSICAL DATA

BOILING RANGE	: 310-572+ F	VAPOR DENSITY	: IS HEAVIER THAN AIR
ODOR	: ORANGE	EVAPORATION RATE:	: IS SLOWER THAN ETHER
APPEARANCE	: YELLOW	SOLUBILITY	: EMULSIFIES
VOLATILE BY WEIGHT:	94.1%	PRODUCT DENSITY	: 7.1 LBS./GAL. (US)
VOLATILE BY VOLUME:	94.9%		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION:

FLASH POINT: 115 F
(TAGLIABUE CLOSED CUP)

LEL: 1.1 %
UEL: 10.6 %

OSHA - COMBUSTIBLE LIQUID - CLASS II
DOT - COMBUSTIBLE LIQUID

EXTINGUISHING MEDIA: WATER FOG DRY CHEMICAL CARBON DIOXIDE

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

UNUSUAL FIRE AND EXPLOSION HAZARDS: VAPORS MAY TRAVEL A CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION WHERE THEY MAY IGNITE FLASHBACK OR EXPLODE. VAPORS ARE HEAVIER THAN AIR AND MAY ACCUMULATE IN LOW AREAS.

SPECIAL FIREFIGHTING PROCEDURES: WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTOIGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE - EYES: IRRITATION AND TEARING

SKIN: NONE RECOGNIZED. HARMFUL IF ABSORBED THROUGH SKIN. CHRONIC HEALTH EFFECTS ARE POSSIBLE FROM LONG TERM EXPOSURE TO THIS MATERIAL, INCLUDING DRYING, CRACKING AND IRRITATION OF THE SKIN. PRE-EXISTING SENSITIVITY TO SOLVENTS CAN CAUSE A HEIGHTENED REACTION TO EXPOSURE TO THIS PRODUCT.

INHALATION: BREATHING HIGH CONCENTRATION MAY CAUSE IRRITATION OR NERVOUS SYSTEM DEPRESSION (HEADACHE, DROWSINESS, DIZZINESS). PRE-EXISTING LUNG DISORDER SYMPTOMS (ASTHMA-LIKE) MAY BE AGGRAVATED.

INGESTION: ASPIRATION HAZARD. CAN ENTER LUNGS DURING SWALLOWING OR VOMITING AND CAUSE LUNG INFLAMMATION AND DAMAGE. INGESTION MAY CAUSE IRRITATION OR NERVOUS SYSTEM DEPRESSION.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: RESPIRATORY SENSITIVITY. DERMATITIS, ALLERGIC RESPONSES.

PRIMARY ROUTE(S) OF ENTRY: DERMAL INHALATION

EMERGENCY AND FIRST AID PROCEDURES - EYES: FLUSH WITH WATER 15 MINUTES, LIFTING EYELIDS.

SKIN: FLUSH WITH WATER.

INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION, GET MEDICAL ATTENTION.

INGESTION: IF SWALLOWED, GIVE EGG WHITES AND INDUCE VOMITING. DO NOT INDUCE VOMITING. IF VICTIM IS DROWSY, PLACE ON LEFT SIDE WITH HEAD DOWN. GET MEDICAL ATTENTION.

SECTION VI - REACTIVITY DATA

STABILITY: THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN. NORMAL DECOMPOSITION TO CARBON DIOXIDE (CO₂), CARBON MONOXIDE (CO). CO MAY BE HAZARDOUS IN ENCLOSED HIGH CONCENTRATIONS.

CONDITIONS TO AVOID: SOURCES OF IGNITION, EXTREME HEAT. ACIDS. SOURCES OF IGNITION. STRONG OXIDIZING AGENTS.

INCOMPATIBILITY: NONE KNOWN. CAUSTIC MATERIALS (EG: LIME, SODA ASH, CAUSTIC SODA). STRONG

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SECTION VI - REACTIVITY DATA

ACIDS MAY PRODUCE VIOLENT REACTION.

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SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: AVOID BREATHING SOLVENT VAPOR. ENSURE ADEQUATE VENTILATION. AVOID SPARKS, FLAMES, AND ANYTHING WHICH COULD CAUSE FIRE. WEAR APPROPRIATE PROTECTIVE AND RESPIRATORY EQUIPMENT. PREVENT SPILLS FROM ENTERING SEWERS, OR ANY UNAUTHORIZED WATER SYSTEMS. DIKE FOR RECOVERY OR DISPOSAL. SPILL MAY BE ABSORBED ONTO APPROPRIATE ABSORBENT MATERIAL.

WASTE DISPOSAL METHOD: SOAK LIQUIDS WITH SAWDUST OR RAGS AND REMOVE. FLUSH WITH WATER IF POSSIBLE. AVOID SKIN CONTACT. DISPOSAL SHOULD BE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. DISPOSE IN ACCORDANCE WITH APPROPRIATE FEDERAL, STATE AND LOCAL REGULATIONS.

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SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: NIOSH/OSHA APPROVED RESPIRATOR TYPES SUITABLE FOR MATERIALS IN SECTION II RECOMMENDED. APPROVED CHEMICAL/MECHANICAL FILTERS RECOMMENDED WHEN VENTILATION IS RESTRICTED. APPROVED AIRLINE TYPE RESPIRATORS OR HOODS RECOMMENDED IN CONFINED AREAS.

VENTILATION: SUFFICIENT VENTILATION, IN VOLUME AND PATTERN, SHOULD BE PROVIDED TO KEEP AIR CONTAMINATION BELOW CURRENT APPLICABLE OSHA PERMISSIBLE EXPOSURE LIMIT OR ACGHI'S TLV LIMIT.

PROTECTIVE GLOVES: RECOMMENDED FOR PROLONGED OR REPEATED CONTACT.

EYE PROTECTION: CHEMICAL GOGGLES WITH SIDE SHIELDS OR FACE SHIELD RECOMMENDED.

OTHER PROTECTIVE EQUIPMENT: USE PROTECTIVE CREAMS WHERE SKIN CONTACT IS LIKELY. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

HYGENIC PRACTICES: WASH HANDS BEFORE EATING OR SMOKING. SMOKE IN DESIGNATED AREAS ONLY.

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SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN A COOL DRY AREA. KEEP AWAY FROM SPARKS AND OPEN FLAMES.

OTHER PRECAUTIONS: OBEY ALL HAZARD WARNINGS WHEN CONTAINERS ARE EMPTIED.

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SECTION X - HMIS RATINGS

HEALTH: 2 FLAMMABILITY: 2 REACTIVITY: 0 PERSONAL PROTECTION: F