

SECTION I - IDENTIFICATION

24 HOUR EMERGENCY ASSISTANCE:

413-543-3381 (EASTERN TIME) 8:00AM-5:00PM
800-424-9300 (OFF HOURS) CHEMTREC

HMIS HEALTH 2
HMIS FLAMMABILITY 0
HMIS REACTIVITY 0
HMIS PROTECTION X

HEATBATH CORPORATION

107 FRONT STREET

INDIAN ORCHARD, MASS. 01151

PREPARED BY: THOMAS A. NADEAU
INFORMATION: 413-543-3381

DATE: 1/12/93

PRODUCT NAME..... MULTI-KLEEN LX 1573

DESCRIPTION..... Chemical product for cleaning metal.

DOT CLASS: CHEMICALS N.O.I.

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS NUMBER	PEL(MG/M3)	TLV(MG/M3)	%
MONOETHANOLAMINE	141-43-5	3.0 PPM	3.0 PPM	1-10

N.E.=NOT ESTABLISHED

N.A.=NOT APPLICABLE

SECTION III - PHYSICAL DATA

BOILING Point(F)..... >212 F SPECIFIC GRAVITY (H2O=1).... 1.06
VAPOR PRESSURE (mm Hg).....Nil. MELTING POINT..... N.E.
VAPOR DENSITY (Air=1)..... N.E. EVAPORATION RATE.....N.E.
SOLUBILITY IN H2O..... completely miscible. PH.....11-12
APPEARANCE/ODOR.....odorless, cloudy liquid.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT..... None. FLAMMABLE LIMITS.....None.
LOWER FLAME LIMIT..... N.A. HIGHER FLAME LIMIT..... N.A.
IN CASE OF FIRE: Material is nonflammable. Use extinguishing media appropriate to surrounding conditions.
SPECIAL FIREFIGHTING PROCEDURES: Wear protective clothing with self-contained breathing apparatus.
UNUSUAL FIRE HAZARDS: Hazardous fumes may be released under thermal decomposition.

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY: STABLE CONDITIONS TO AVOID: None.
INCOMPATIBLE MATERIALS: strong acids, strong oxidizers.
DECOMPOSITION PRODUCTS: ammonia under thermal decomposition.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI - HEALTH HAZARD DATA

ROUTES OF ENTRY: inhalation, ingestion.

HEALTH HAZARDS (ACUTE, CHRONIC): May cause eye and skin irritation. May cause eye burns with prolonged contact. May be harmful if swallowed. Avoid contact with eyes, skin or clothing.

CARCINOGENICITY: None. NTP?: No. IARC?: No. OSHA REGULATED?: No.

SYMPTOMS OF EXPOSURE: eye, skin and respiratory tract irritation. eye burns.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Not known.

FIRST AID: INHALATION: Move victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. EYES: Hold eyelids apart and flush with running water for at least 15 minutes. Get medical attention. SKIN: Wash affected area with plenty of water. Remove contaminated clothing. If irritation persists, see a physician. INGESTION: If conscious, give plenty of water. Do not induce vomiting. Get medical attention.

SECTION VII - PRECAUTIONS/PROCEDURES

IN CASE OF SPILL: Contain spills with inert absorbant. Scoop up material into a chemical waste container. Wash area with water.
WASTE DISPOSAL METHOD: Neutralize with dilute acid and dispose of in accordance with federal, state and local regulations.
PRECAUTIONS: Wear proper protective clothing when using this product. Wash thoroughly after handling.

OTHER PRECAUTIONS: Emptied containers of this product may contain hazardous vapors and residue. Clean thoroughly before reusing or discarding. Do not use a welding torch to cut container. Do not use for water or food storage.

SECTION VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respirator if dust, fumes or vapors are excessive. VENTILATION: provide good air dilution.
MECHANICAL EXHAUST..... X. PROTECTIVE GLOVES: rubber.
LOCAL EXHAUST..... X. EYE PROTECTION: face shield, safety goggles.
OTHER PROTECTIVE EQUIPMENT..... apron, boots, full cover work clothes.
WORK/HYGIENIC PRACTICES..... wash thoroughly after handling, launder clothes.

SECT IX -SARA TITLE III INFORMATION

HAZARDOUS COMPONENT	CERCLA RQ LBS.	SECT 302 TPQ LBS.	SECT 313 TOXIC	SECT.311/312 HAZARDS
MONOETHANOLAMINE	N.A.	N.A.	NO	A,C

A=IMMEDIATE (ACUTE) HEALTH HAZARD B=DELAYED (CHRONIC) HEALTH HAZARD
C=FIRE HAZARD D=SUDDEN RELEASE OF PRESSURE HAZARD E=REACTIVE HAZARD