



CHEMAX
CORPORATION

MATERIAL SAFETY DATA SHEET

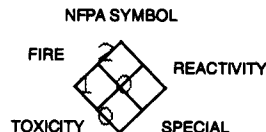
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MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATION STANDARD (HSC) 29 CFR 1910, 1200, STANDARD MUST BE CONSULTED FOR SPECIFIC REQUIREMENTS.

HMIS SYMBOL	
HEALTH	1
FLAMMABILITY	2
REACTIVITY	0

HMIS	NFPA
SEVERE 4	EXTREME
SERIOUS 3	HIGH
MODERATE 2	MODERATE
SLIGHT 1	SLIGHT
MINIMAL 0	INSIGNIFICANT



PRODUCT IDENTIFICATION: B378 BIG 0
DATE: 01/02/03

SECTION I: HAZARDOUS INGREDIENTS

CAS NUMBER	CHEMICAL NAME	%	TLV (PPM)
64742-47-8	HYDRO TREATED LIGHT SOLVENT	74	N/E
5989-27-5	MONOCYCLIC TERPENE	24	N/E
26027-38-3	TERGITOL (R) NP-A	2	N/E

SECTION II: PHYSICAL DATA

BOILING POINT: 365 F
 VAPOR PRESSURE: 1.1 mm Hg @ 20 C
 VAPOR DENSITY: 4.7
 SOLUBILITY IN WATER: EMULSIFIES
 SPECIFIC GRAVITY: (H2O=1): 0.81
 PERCENT VOLATILE BY VOLUME: 5% @ 100 C
 EVAPORATION RATE: N/A
 P H: N/A
 APPEARANCE AND ODOR: ORANGE COLOR & CITRUS ODOR

SECTION III: FIRE AND EXPLOSION DATA

FLASH POINT: 160 F (C.O.C)
 FLAMMABLE LIMITS: (IN AIR): LOWER: 0.62 UPPER: 6.0
 EXTINGUISHING MEDIA: WATER SPRAY, DRY CHEMICAL, ALCOHOL FOAM
 SPECIAL FIREFIGHTING PROCEDURES: COOL EXPOSED EQUIPMENT w/WATER SPRAY UNTIL WELL AFTER FIRE IS OUT. SELF-CONTAINED BREATHING APPARATUS AND STRUCTURAL FIREFIGHTER'S PROTECTIVE CLOTHING WILL ONLY PROVIDE LIMITED PROTECTION.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: NFPA CLASS IIIA COMBUSTIBLE LIQUID

SECTION IV: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/E

EFFECTS OF OVEREXPOSURE: SKIN AND EYE IRRITANT, INHALATION OF HIGH VAPOR CONCENTRATIONS CAN CAUSE HEADACHES, IRRITATION OF THROAT, LUNG & KIDNEY EFFECTS, AND INGESTION CAN CAUSE IRRITATION OF THE STOMACH & INTESTINES.

EMERGENCY FIRST AID PROCEDURES:

- SKIN:** FLUSH WITH WATER. REMOVE CLOTHING. IF IRRITATED, CALL PHYSICIAN.
- EYES:** FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATED, CALL PHYSICIAN.
- INGESTION:** IF SWALLOWED, CALL PHYSICIAN IMMEDIATELY. ONLY INDUCE VOMITING AT INSTRUCTION OF PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH IF UNCONSCIOUS.
- INHALATION:** REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. SEEK MEDICAL ATTENTION IMMEDIATELY.

SECTION V: REACTIVITY DATA

- STABILITY DATA:** STABLE. AVOID HIGH TEMPERATURES.
- INCOMPATIBILITY:** STRONG OXIDIZERS
- HAZARDOUS DECOMPOSITION PRODUCTS:** CAN LIBERATE SMALL AMTS OF CO & CO2
- HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

SECTION VI: SPILL OR LEAK PROCEDURES

- SMALL SPILLS:** ABSORB WITH INERT MATERIAL. PLACE IN CHEMICAL WASTE CONTAINER.
- LARGE SPILLS:** PICK UP ASAP. DIKING MAY BE NECESSARY. PUT EXCESS IN DEPT OF TRANSPORTATION APPROVED CONTAINER. TREAT AS SMALL SPILL.
- AVOID BREATHING OF VAPORS AND ABSORPTION THROUGH SKIN.**
- FOLLOW STATE AND LOCAL REGULATIONS FOR DISPOSAL OF LARGE NON-RECLAIMABLE SPILLS.**

SECTION VII: SPECIAL PROTECTION INFORMATION

- RESPIRATORY PROTECTION:** NIOSH APPROVED, VAPOR AIR-PURIFYING RESPIRATOR, SCBA, OR AIR-SUPPLIED RESPIRATORS DEPENDING ON CONCENTRATION.
- VENTILATION:** MECHANICAL VENTILATION MAY BE NECESSARY IN ENCLOSED AREAS
- PROTECTIVE GLOVES:** RUBBER OR CHEMICAL
- EYE PROTECTION:** IF CONTACT MAY OCCUR, FACESHIELD. OTHERWISE, SAFETY GLASSES.
- OTHER PROTECTIVE EQUIPMENT:** NONE

SECTION VIII: SPECIAL PRECAUTIONS

- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** KEEP HEAT/SPARKS/FLAMES AWAY. STORE IN COOL, DRY, WELL-VENTILATED AREA. VENT OFTEN IN WARM WEATHER, BUT OTHERWISE KEEP TIGHTLY CLOSED. DON'T CUT/GRIND/WELD/DRILL ON OR NEAR DRUM.
- OTHER PRECAUTIONS:** READ & FOLLOW THE DIRECTIONS ON THE PRODUCT LABEL. THEY ARE YOUR BEST GUIDE TO USING THIS PRODUCT IN THE MOST EFFECTIVE MANNER, AND THEY ALSO GIVE YOU THE NECESSARY SAFETY PRECAUTIONS TO PROTECT YOUR HEALTH.