

**CHEMAX**  
CORPORATION

**MATERIAL SAFETY DATA SHEET**

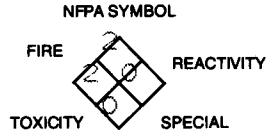
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MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATION STANDARD (HSC) 29 CFR 1910, 1200, STANDARD MUST BE CONSULTED FOR SPECIFIC REQUIREMENTS.

HMIS SYMBOL	
HEALTH	2
FLAMMABILITY	2
REACTIVITY	0

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



0618

ALL-IN-ONE

**PRODUCT IDENTIFICATION:**

DATE: 01/02/03

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**SECTION I: HAZARDOUS INGREDIENTS**

CAS NUMBER	CHEMICAL NAME	%	TLV (PPM)
8002-05-9	PETROLEUM OIL MIXTURE	75	5 mg/M3
800967-S411-P	ADDITIVES	25	TWA (for oil mist)
		TOTAL	100%

POTENTIAL HAZARDS HAVE BEEN EVALUATED AND PERTINENT INFORMATION HAS BEEN INCLUDED IN SECTIONS III-VII

**SECTION II: PHYSICAL DATA**

BOILING POINT: 450 F  
 VAPOR PRESSURE: N/A  
 VAPOR DENSITY: (AIR=1): 12  
 SOLUBILITY IN WATER: NEGLIGIBLE  
 SPECIFIC GRAVITY: (H2O=1): 0.88  
 PERCENT VOLATILE BY VOLUME: N/D  
 EVAPORATION RATE: N/D  
 P H: N/D  
 APPEARANCE AND ODOR: RED & PETROLEUM ODOR

**SECTION III: FIRE AND EXPLOSION DATA**

FLASH POINT: 400 F (C.O.C)  
 FLAMMABLE LIMITS: N/D  
 EXTINGUISHING MEDIA: DRY CHEMICAL (preferred), CARBON DIOXIDE FOAM, WATER  
 SPECIAL FIREFIGHTING PROCEDURES: USE WATER TO COOL FIRE-EXPOSED CONTAINERS, STRUCTURES, AND TO PROTECT PERSONNEL. WATER OR FOAM CAN CAUSE FROTHING. FIREFIGHTERS WEAR A POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: SLIGHT WHEN EXPOSED TO HEAT OR FLAME. COMBUSTIBLE AT HIGH TEMPERATURES.

SECTION IV: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/D

EFFECTS OF OVEREXPOSURE: POSSIBLE RESPIRATORY TRACT IRRITATION; POSSIBLE EYE AND SKIN IRRITATION; INGESTION CAN CAUSE VOMITING/NAUSEA/DIARRHEA

EMERGENCY FIRST AID PROCEDURES:

SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING.
EYES: FLUSH W/LRG AMTS OF WATER. IF IRRITATION PERSISTS, CALL PHYSICIAN.
INGESTION: GIVE 3-4 OUNCES OF VEGETABLE OR OLIVE OIL. SEEK MEDICAL AID.

INHALATION: REMOVE TO FRESH AIR

SECTION V: REACTIVITY DATA

STABILITY DATA: STABLE. AVOID OXIDIZING ATMOSPHERES.

INCOMPATIBILITY: CHLORINE, OXYGEN

HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI: SPILL OR LEAK PROCEDURES

SMALL SPILLS: CONSULT LOCAL/STATE/FEDERAL DISPOSAL AUTHORITIES FOR APPROVED PROCEDURES

LARGE SPILLS: SAME

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: DEPENDS ON VAPOR CONCENTRATION ABOVE TLV. USE A NIOSH APPROVED CARTRIDGE RESPIRATOR OR GAS MASK.

VENTILATION: SUFFICIENT MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(s)

PROTECTIVE GLOVES: REQUIRED

EYE PROTECTION: SPLASH GOGGLES OR SAFETY GLASSES

OTHER PROTECTIVE EQUIPMENT: OIL-RESISTANT APRON

SECTION VIII: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: AVOID EXPOSURE TO MIST/VAPORS. AVOID FLAME/SPARK/HOT SURFACE. KEEP CONTAINER CLOSED. SHELF LIFE 1 YEAR. KEEP OUT OF REACH OF CHILDREN. EMPTY CONTAINER CAN CONTAIN EXPLOSIVE GAS.

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.