



**CHEMAX**  
CORPORATION

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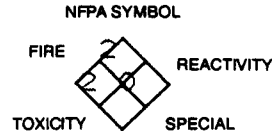
**MATERIAL SAFETY DATA SHEET**

**EMERGENCY PHONE 1-800-346-0132**

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



**PRODUCT IDENTIFICATION:**

A157 STICKS  
DATE: 01/02/03

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**SECTION I: HAZARDOUS INGREDIENTS**

CAS NUMBER	CHEMICAL NAME	%	TLV (PPM)
75-09-2	METHYLENE CHLORIDE	10	50
8052-41-3	PETROLEUM DISTILLATE	15	N/E
75-28-5	ISOBUTANE/PROPANE BLEND	12	800
74-98-6			1000
MIXTURE	GEAR LUBE	58-88	N/A

NOTE - THIS PRODUCT CONTAINS THESE SARA TITLE III, SECTION 313 CHEMICALS:  
METHYLENE CHLORIDE

**SECTION II: PHYSICAL DATA**

BOILING POINT: N/A  
 VAPOR PRESSURE: MAX = 60  
 VAPOR DENSITY: N/E  
 SOLUBILITY IN WATER: INSOLUBLE  
 SPECIFIC GRAVITY: 0.980  
 PERCENT VOLATILE BY VOLUME: N/A  
 EVAPORATION RATE: N/E  
 P H: N/A  
 APPEARANCE AND ODOR: OILY, BLACK FLUID & PETROLEUM ODOR

**SECTION III: FIRE AND EXPLOSION DATA**

FLASH POINT: NON-FLAMMABLE  
 FLAMMABLE LIMITS: N/E  
 EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER  
 SPECIAL FIREFIGHTING PROCEDURES: SELF-CONTAINED BREATHING APPARATUS

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

DO NOT EXPOSE TO TEMPERATURES ABOVE 130 F OR CONTAINER MAY RUPTURE

**SECTION IV: HEALTH HAZARD DATA**

**THRESHOLD LIMIT VALUE:** N/A

**EFFECTS OF OVEREXPOSURE:** MILD IRRITATION TO SKIN AND EYES; POSSIBLE CHEMICAL PNEUMONITIS IF ASPIRATED INTO THE LUNGS; NAUSEA; INHALATION OF VAPORS MAY CAUSE HEADACHES, DIZZINESS, ASPHYXIA, AND EVEN POSSIBLE UNCONSCIOUSNESS

**EMERGENCY FIRST AID PROCEDURES:**

**SKIN:** WASH WITH SOAP AND WATER. IF IRRITATED, SEE PHYSICIAN.

**EYES:** FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATED, SEE PHYSICIAN.

**INGESTION:** DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY.

**INHALATION:** REMOVE TO FRESH AIR. RESUSCITATE IF NECESSARY.  
GET IMMEDIATE MEDICAL ATTENTION.

**SECTION V: REACTIVITY DATA**

**STABILITY DATA:** STABLE. AVOID OPEN FLAME, WELDING ARCS, HEAT, SPARKS.

**INCOMPATIBILITY:** ALKALIS, OXIDIZING MAT., AMINES, POTASSIUM, SODIUM, MAGNESIUM

**HAZARDOUS DECOMPOSITION PRODUCTS:** CO<sub>2</sub>, CO, HCL, SM AMTS PHOSGENE & CHLORINE

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

**SECTION VI: SPILL OR LEAK PROCEDURES**

**SMALL SPILLS:** ABSORB WITH SUITABLE MEDIUM. INCINERATE OR LANDFILL ACCORDING TO ALL LOCAL/STATE/FEDERAL REGULATIONS. DO NOT FLUSH TO SEWER.

**LARGE SPILLS:** AEROSOL CANS, WHEN EMPTIED AND DEPRESSURIZED THROUGH NORMAL USE, POSE NO DISPOSAL HAZARD AND SHOULD BE RECYCLED.

**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:** IF VAPOR CONCENTRATION EXCEEDS TLV, USE RESPIRATOR APPROVED BY U.S. BUREAU OF MINES FOR ORGANIC VAPOR.

**VENTILATION:** ADEQUATE VENTILATION TO KEEP VAPOR CONCENTRATION BELOW TLV(s)

**PROTECTIVE GLOVES:** NEOPRENE GLOVES IF SKIN EASILY IRRITATED

**EYE PROTECTION:** SAFETY GLASSES RECOMMENDED

**OTHER PROTECTIVE EQUIPMENT:** NONE

**SECTION VIII: SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** DO NOT PUNCTURE OR INCINERATE CONTAINERS. DO NOT STORE AT TEMPERATURES ABOVE 130 F. KEEP OUT OF REACH OF ALL CHILDREN. AVOID FOOD CONTAMINATION. AVOID BREATHING OF ALL VAPORS.

**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.