



# MATERIAL SAFETY DATA SHEET



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## SECTION 1: IDENTIFICATION & EMERGENCY INFORMATION

**PRODUCT:** ALITHICON SB-101 SYNTHETIC SOOT BLOWER LUBRICANT  
**CHEMICAL NAME:** PROPRIETARY SYNTHETIC FLUID MIXTURE  
**EMERGENCY PHONE:** (229) 888-2520  
**FORMULA:** NOT APPLICABLE

## SECTION II: INGREDIENTS

COMPONENTS	CAS NO	WT%	OSHA PEL	ACGIH TLV
NEOPENTYL GLYCOL ESTER OF CAPRYLIC AND CAPRIC ACIDS	70693-32-2	77	N/A	5mg/m <sup>3</sup>
TRIMETHYLOLPROPANE ESTER OF HEPTANOIC CAPRYLIC, AND CAPRIC ACIDS	68130-53-0	12	N/A	5mg/m <sup>3</sup>
TRIMETHYLOLPROPANE ESTER OF VALERIC AND HEPTANOIC ACIDS	67762-64-5	5	N/A	5mg/m <sup>3</sup>
TRICRESYL PHOSPHATE	1330-78-5	4	N/A	5mg/m <sup>3</sup>
PROPRIETARY NON-HAZARDOUS INGREDIENTS	-----	2	N/A	-----
HEPTANE	110-54-3	N/A	500	5mg/m <sup>3</sup>
ISOBUTANE	72-28-5	N/A	800	5mg/m <sup>3</sup>
PROPANE	75-98-6	N/A	1000	5mg/m <sup>3</sup>

\*\*\* **NOTE:** SAFE OPERATING AND GOOD HOUSEKEEPING PRACTICES SHOULD ALWAYS BE FOLLOWED WHEN USING THIS PRODUCT. INHALATION OF FUMES AND MIST FROM FLUID SHOULD BE AVOIDED. \*\*\*

## SECTION III: PHYSICAL & CHEMICAL DATA

**SPECIFIC GRAVITY (H 0-1):** 0.87 @ 16 C.      **BOILING PT:** 350° F.      **MELTING PT:** N/A  
**VAPOR PRESSURE (mm Hg):** N/A      **VAPOR DENSITY (AIR=1):** > 10  
**EVAPORATION RATE (n-BUTYL ACETATE=1):** N/A  
**VOLUME % VOLATILE:** @ 570° F., 96%      **SOLUBILITY IN WATER:** @ 25° C., < 0.1%  
**REACTIVITY WITH WATER:** NONE  
**APPEARANCE & ODOR:** DARK DRAY OIL LIQUID, SLIGHT ODOR

## SECTION IV: FIRE & EXPLOSION HAZARD DATA

**FLASH POINT (METHOD):** 430° F. - COC      **FLAMMABLE LIMITS:** **LEL=** N/E      **UEL=** N/E  
**AUTO-IGNITION TEMPERATURE:** 856° F..  
**EXTINGUISHING MEDIA:** FOAM, DRY CHEMICAL, CO<sub>2</sub>  
**SPECIAL FIRE FIGHTING PROCEDURES:** SELF CONTAINED BREATHING APPRATUS  
**UNUSUAL FIRE & EXPLOSION HAZARDS:** SLIGHTLY COMBUSTIBLE WHEN HEATED ABOVE ITS FLASH POINT. KEEP AWAY FROM EXTREMELY HIGH HEAT AND OPEN FLAME. STORE BELOW 130° F.

## SECTION V: REACTIVITY DATA

**STABILITY:** STABLE: ( X )      UNSTABLE ( )  
**CONDITIONS TO AVOID:** OPEN FLAMES, WELDING AREAS, HEAT, SPARKS  
**INCOMPATIBLE MATERIALS:** STRONG ACIDS, ALKALINES AND OXIDIZERS, SUCH AS CHLORENE AND OXYGEN.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** EXCESSIVE HEATING WILL PRODUCE CARBON MONOXIDE AND OTHER HARMFUL GASES/VAPORS.  
**HAZARDOUS POLYMERIZATION:** ( X ) WILL NOT OCCUR      ( ) MAY OCCUR

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## SECTION VI: HEALTH HAZARD DATA

**SYMPTOMS OF EXPOSURE:** PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE SKIN IRRITATION. EYE CONTACT MAY CAUSE EYE IRRITATION. AVOID INHALATION OF OIL FUMES OR MIST FROM FLUID - MAY CAUSE RESPIRATORY IRRITATION. INGESTION MAY CAUSE ACUTE STOMACH DISTRESS AND LUNG DAMAGE IF LARGE QUANTITIES ARE SWALLOWED AND ASPIRATED.

**EFFECTS OF OVEREXPOSURE:** PROLONGED OR REPEATED SKIN CONTACT WITH THIS PRODUCT TENDS TO REMOVE SKIN OILS POSSIBLY LEADING TO IRRITATION AND DERMATITIS. HEALTH STUDIES HAVE SHOWN MANY PETROLEUM PRODUCTS POSE POTENTIAL RISKS WHICH VARY FROM PERSON TO PERSON. EXPOSURE TO LIQUID, VAPORS, OR MISTS SHOULD BE MINIMIZED.

**IS MATERIAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN?:** NO

**NATIONAL TOXICOLOGY PROGRAM:** NO      **IRAC MONOGRAPHS:** NO      **OSHA:** NO

**EMERGENCY AND FIRST AID PROCEDURES (BY ROUTE OF ENTRY):**

**INHALATION:** REMOVE FROM SOURCE OF MIST OR VAPOR - PROVIDE FRESH AIR

**INGESTION:** IF INGESTED, DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY.

**EYES:** FLUSH WITH LARGE AMOUNTS OF FRESH WATER. IF IRRITATION PERSISTS, CONTACT PHYSICIAN.

**SKIN:** WASH THOROUGHLY WITH SOAP AND WATER. REMOVE OIL SOAKED CLOTHING AND LAUNDRER BEFORE REUSE. IF SKIN IRRITATION PERSISTS, CONTACT A PHYSICIAN.

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## SECTION VII: SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** REMOVE FREE LIQUID. ADD ABSORBANT TO SPILL AREA. KEEP PETROLEUM PRODUCTS OUT OF STREAMS AND WATER WAYS.

**WASTE DISPOSAL METHOD:** INCINERATE ABSORBED MATERIAL. WASTE DISPOSAL METHODS MUST COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

\*\*\* NOTE: CONTAINS BARIUM AND ANTIMONY COMPOUNDS AT LESS THAN EPA "DE MINIMUS"

REPORTING QUANTITY OF SECTION 313 RELEASE REPORTING REQUIREMENTS OF 40CFR372. NOT A RCRA OR CERCLA HAZARDOUS WASTE. \*\*\*

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## SECTION VIII: SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION (TYPE):** RESPIRATOR WITH ORGANIC MIST / VAPOR CARTRIDGE

**VENTILATION:** N/A      **LOCAL EXHAUST:** N/A      **SPECIAL:** N/A      **MECHANICAL:** N/A

**OTHER:** LOCAL EXHAUST TO REMOVE OIL MIST, FUMES, OR VAPORS

**PROTECTION GLOVES:** NO      **EYE PROTECTION:** YES      **OTHER:** N/A

**OTHER PROTECTIVE EQUIPMENT:** PERSONS WITH HYPERSENSITIVE SKIN SHOULD USE GLOVES

**SPECIAL HYGIENIC PRACTICE:** WASH HANDS BEFORE EATING

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## SECTION IX: SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING & STORING:** NORMAL PRECAUTIONS AS WITH A PETROLEUM PRODUCT

**OTHER PRECAUTIONS:** N/A

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**DATE REVISED:**   3-26-06  

**PREPARED BY:** DIAMOND JACK S. SMITH, SR.

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