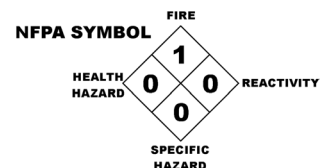




# MATERIAL SAFETY DATA SHEET

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## SECTION 1: IDENTIFICATION & EMERGENCY INFORMATION

**PRODUCT:** ALITHICON MEGA-THERM 5 SYNTHETIC EXTREME TEMPERATURE LUBRICANT  
**CHEMICAL NAME:** SYNTHETICALLY COMPOUNDED GEL  
**EMERGENCY PHONE:** (229) 888-2520  
**FORMULA:** NOT APPLICABLE

## SECTION II: INGREDIENTS

COMPONENTS	CAS NO	WT%	OSHA PEL	ACGIH TLV
THICKENER	7631-86-9	5.8	-----	-----
SYNTHETIC FLUID	9010-79-1	74.0	-----	-----
HYDROTREATED POLYOLEFIN	68649-11-6	11.0	-----	-----
§ ALUMINUM PASTE	7429-90-5	4.0	-----	-----
PROPRIETARY NON-HAZARDOUS INGREDIENTS	-----	5.2	-----	-----

\*\*\* **NOTE:** PRODUCT NOT CLASSIFIED AS HAZARDOUS UNDER OSHA 29CFR 1910.1200. SAFE OPERATING AND GOOD HOUSEKEEPING PRACTICES SHOULD ALWAYS BE FOLLOWED WHEN USING THIS PRODUCT. INHALATION OF FUMES AND MIST FROM FLUID SHOULD BE AVOIDED. \*\*\*

§ **SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND OF 40 CFR 372 - - - HOWEVER, THE ALUMINUM NO LONGER POSES A HAZARD SINCE IT IS COMPOUNDED INTO A GREASE AND CAN NO LONGER BECOME AIRBORNE AS A DUST.**

## SECTION III: PHYSICAL & CHEMICAL DATA

**SPECIFIC GRAVITY (H 0-1):** 1.0      **BOILING PT:** N/A      **MELTING PT:** NONE  
**VAPOR PRESSURE (mm Hg):** N/A      **VAPOR DENSITY (AIR=1):** LIGHTER THAN AIR  
**EVAPORATION RATE (n-BUTYL ACETATE=1):** SLOWER THAN ETHER  
**VOLUME % VOLATILE:** NONE      **SOLUBILITY IN WATER:** NEGLIGIBLE  
**REACTIVITY WITH WATER:** NONE  
**APPEARANCE & ODOR:** DARK SILVER, SMOOTH, SEMI-SOLID COMPOUND WITH MILD ODOR

## SECTION IV: FIRE & EXPLOSION HAZARD DATA

**FLASH POINT (METHOD):** 580° F (COC)      **FLAMMABLE LIMITS: LEL=** N/A      **UEL=** N/A  
**AUTO-IGNITION TEMPERATURE:** N/A  
**EXTINGUISHING MEDIA:** USE FOAM, CO<sup>2</sup>, DRY CHEMICAL, WATER SPRAY (FOG)  
**SPECIAL FIRE FIGHTING PROCEDURES:** USE SUPPLIED AIR BREATHING EQUIPMENT FOR ENCLOSED OR CONFINED SPACES.  
**UNUSUAL FIRE & EXPLOSION HAZARDS:** AVOID FUMES OF ANY BURNING PRODUCTS.

## SECTION V: REACTIVITY DATA

**STABILITY:** STABLE: (X)      UNSTABLE ( )  
**CONDITIONS TO AVOID:** OXIDIZING ATMOSPHERES  
**INCOMPATIBLE MATERIALS:** STRONG OXIDANTS / ACIDS  
**HAZARDOUS DECOMPOSITION PRODUCTS:** FUMES, SMOKE, CARBON MONOXIDE  
**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:** CLEAR AIR PASSAGE, CALL PHYSICIAN

**INGESTION:** IF INGESTED, CALL PHYSICIAN

**EYES:** WASH WITH COPIOUS QUANTITIES OF WATER

**SKIN:** REMOVE BY WIPING, OR WATERLESS HAND CLEANER, FOLLOWED BY WASHING

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## SECTION VII: SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** SCOOP UP EXCESS, WIPE UP WITH RAGS, PICK RESIDUE WITH DIATOMACEOUS EARTH TO AVOID WALKING HAZARD

**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 CERLA HAZARDOUS WASTE. \*\*\*

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## SECTION VIII: SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION (TYPE):** N/R

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

**OTHER:** N/R

**PROTECTION GLOVES:** N/R                      **EYE PROTECTION:** N/R                      **OTHER:** N/R

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

**DATE REVISED:** 12-18-06

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