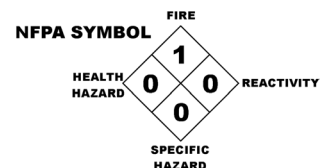




# MATERIAL SAFETY DATA SHEET

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## SECTION 1: IDENTIFICATION & EMERGENCY INFORMATION

**PRODUCT:** ALITHICON 4585 FLEET SYNTHETIC GEAR & TRANSMISSION OIL  
**CHEMICAL NAME:** HYDROCARBON BLENDED FLUID MIXTURE  
**EMERGENCY PHONE:** (229) 888-2520  
**FORMULA:** NOT APPLICABLE

## SECTION II: INGREDIENTS

COMPONENTS	CAS NO	WT%	OSHA PEL	ACGIH TLV
HYDROGENATED POLYOLEFIN	68649-11-06	57.5	-----	-----
SYNTHETIC POLYMER FLUID	9010-79-1	12.0	-----	-----
DITRIDECYL PYTHALMATE	68515-47-9	22.0	-----	-----
PROPRIETARY NON-HAZARDOUS INGREDIENTS	-----	8.5	-----	-----

\*\*\* **NOTE:** PRODUCT NOT CLASSIFIED AS HAZARDOUS UNDER OSHA 29CFR 1910.1200 AND IT DOES NOT CONTAIN ANY CHEMICALS THAT REQUIRE A WARNING UNDER CALIFORNIA PROPOSITION 65. 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):** 0.88 @ 16° C  
**VAPOR PRESSURE (mm Hg):** 0.01 @ 37.8° C  
**EVAPORATION RATE (n-BUTYL ACETATE=1):** N/A  
**VOLUME % VOLATILE:** NEGLIGIBLE  
**REACTIVITY WITH WATER:** NONE  
**APPEARANCE & ODOR:** EMERALD GREEN FLUID WITH LIGHT LUBE ODOR  
**BOILING PT:** 304° F  
**MELTING PT:** N/A  
**VAPOR DENSITY (AIR=1):** 12.0  
**SOLUBILITY IN WATER:** NEGLIBLE

## SECTION IV: FIRE & EXPLOSION HAZARD DATA

**FLASH POINT (METHOD):** 540° F (D-92)  
**AUTO-IGNITION TEMPERATURE:** 850°+ F  
**EXTINGUISHING MEDIA:** DRY CHEMICAL, CARBON DIOXIDE, WATER FOG, FOAM  
**SPECIAL FIRE FIGHTING PROCEDURES:** SELF CONTAINED BREATHING APPRATUS  
**FLAMMABLE LIMITS:** LEL= N/A UEL= N/A

**UNUSUAL FIRE & EXPLOSION HAZARDS:** NONE

## SECTION V: REACTIVITY DATA

**STABILITY:** STABLE: (X) UNSTABLE ( )  
**CONDITIONS TO AVOID:** EXTREME HEAT AND OPEN FLAME  
**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, SUCH AS COMPOUNDS OF NITROGEN  
**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 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 ABSORBENT 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 CERLA HAZARDOUS WASTE. \*\*\*

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## SECTION VIII: SPECIAL PROTECTION INFORMATION

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

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

**DATE REVISED:** 3-26-06

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