



MATERIAL SAFETY DATA SHEET

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SECTION 1: IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT: ALITHICON C-155 SYNTHETIC BEARING LUBRICANT

EMERGENCY PHONE: (229) 888-2520

CHEMICAL NAME: SYNTHETICALLY COMPOUNDED GEL

FORMULA: NOT APPLICABLE

SECTION II: INGREDIENTS

HAZARDOUS COMPONENTS	CAS NO	WT%	OSHA PEL	ACGIH TLV
THICKENER	7631-86-9	8	-----	-----
SYNTHETIC FLUID	9010-79-1	83	-----	-----
POLYBUTENE	9003-79-1	6	-----	-----
PROPRIETARY INGREDIENTS	-----	3	-----	-----

*** **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): 0.89 @ 16° C **BOILING PT:** 390° C **MELTING PT:** NONE
VAPOR PRESSURE (mm Hg): N/A **VAPOR DENSITY (AIR=1):** N/A
EVAPORATION RATE (n-BUTYL ACETATE=1): N/A
VOLUME % VOLATILE: NONE **SOLUBILITY IN WATER:** NONE
REACTIVITY WITH WATER: NONE
APPEARANCE & ODOR: CLEAR COLORED GREASE / ODOR: BLAND

SECTION IV: FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD): CC 450° C **FLAMMABLE LIMITS:** **LEL=** 0.9% **UEL=** 7%
AUTO-IGNITION TEMPERATURE: 710° F
EXTINGUISHING MEDIA: USE WATER FOG, CO₂, DRY CHEMICAL, FOAM, OR VAPORIZING

SPECIAL FIRE FIGHTING PROCEDURES: USE SUPPLIED AIR BREATHING EQUIPMENT FOR ENCLOSED OR CONFINED SPACES

UNUSUAL FIRE & EXPLOSION HAZARDS: NONE

SECTION V: REACTIVITY DATA

STABILITY: STABLE: (X) UNSTABLE ()
CONDITIONS TO AVOID: STRONG OXIDIZING MATERIALS
INCOMPATIBLE MATERIALS: STRONG OXIDIZING MATERIALS
HAZARDOUS DECOMPOSITION PRODUCTS: HYDROGEN, CARBON DIOXIDE, SULFUR DIOXIDE, SMOKE AND FUMES
HAZARDOUS POLYMERIZATION: (X) WILL NOT OCCUR () MAY OCCUR

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

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. ***

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

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.

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