



MATERIAL SAFETY DATA SHEET

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SECTION 1: IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT: ALITHICON 1101 PARA/SYNTHETIC STOKER
TRAVELING GRATE BEARING LUBRICANT

EMERGENCY PHONE: (229) 888-2520

CHEMICAL NAME: HYDROCARBON COMPOUNDED GEL

FORMULA: PROPRIETARY

SECTION II: INGREDIENTS

COMPONENTS	CAS NO	WT%	OSHA PEL	ACGIH TLV
THICKENER	54326-11-3	10.0	-----	-----
FLUID / HYDROCARBON	64742-70-7	61.0	-----	-----
BUTYLENE HYDRATE	68187-60-0	10.0	-----	-----
DI-ISODECYL ADIPATE	9003-29-6	16.0	-----	-----
ANTI-OXIDANT	128-37-0	3.0	-----	-----

*** **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. ***

SECTION III: PHYSICAL & CHEMICAL DATA

SPECIFIC GRAVITY (H 0-1): 0.89 **BOILING PT:** 370° C. **MELTING PT:** 260° C
VAPOR PRESSURE (mm Hg): N/A **VAPOR DENSITY (AIR=1):** N/A
EVAPORATION RATE (n-BUTYL ACETATE=1): NONE
VOLUME % VOLATILE: NONE **SOLUBILITY IN WATER:** NONE
REACTIVITY WITH WATER: NONE
APPEARANCE & ODOR: PURPLE COLORED GEL / ODOR - BLAND

SECTION IV: FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD): CC 445° F. **BOILING POINT:** 0.9% **UEL=** 7%
AUTO-IGNITION TEMPERATURE: 610° F.
EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, WATER FOG, CO²
SPECIAL FIRE FIGHTING PROCEDURES: USE SUPPLIED AIR BREATHING EQUIPMENT EQUIPMENT FOR ENCLOSED OR CONFINED SPACES
UNUSUAL FIRE & EXPLOSION HAZARDS: EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUE. DO NOT CUT, DRILL, GRIND, OR WELD ON OR NEAR FULL, PARTLY FULL, OR EMPTY CONTAINERS

SECTION V: REACTIVITY DATA

STABILITY: STABLE: (X) UNSTABLE ()
CONDITIONS TO AVOID: OXIDIZING MATERIALS
INCOMPATIBLE MATERIALS: CHLORENE OR OXYGEN
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL: UNIDENTIFIED ORGANICS
OXIDATION: OXIDES OF CARBON
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: CLEAN 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 UP 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 CERCLA 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

PREPARED BY: DIAMOND JACK S. SMITH, SR.

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