



MATERIAL SAFETY DATA SHEET

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SECTION 1: IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT: ALITHICON #FM-555 FOOD MACHINERY CHAIN & CABLE PENETRATING LUBRICANT
CHEMICAL NAME: HYDROCARBON BLENDED FLUID
EMERGENCY PHONE: (229) 888-2520
FORMULA: NOT APPLICABLE

SECTION II: INGREDIENTS

COMPONENTS	CAS NO	WT%	OSHA PEL	ACGIH TLV
WHITE USP HYDROCARBON FLUID	8042-47-5	96	-----	-----
ADDITIVE MIXTURE: RUST, OXIDATION, AND CORROSION INHIBITORS	-----	4	-----	-----
HEXANE	110-54-3	-----	-----	-----
ISOBUTANE	72-28-5	-----	-----	-----

*** **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): 0.86 @ 16° C. **BOILING PT:** 575° F. **MELTING PT:** N/A
VAPOR PRESSURE (mm Hg): 70° F. - .01 **VAPOR DENSITY (AIR=1):** GT 10
EVAPORATION RATE (n-BUTYL ACETATE=1): NEGLIGIBLE
VOLUME % VOLATILE: NEGLIGIBLE **SOLUBILITY IN WATER:** NEGLIGIBLE
REACTIVITY WITH WATER: NONE
APPEARANCE & ODOR: CLEAR COLORLESS FLUID

SECTION IV: FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD): 380° F. **FLAMMABLE LIMITS:** LEL= N/A UEL= N/A
AUTO-IGNITION TEMPERATURE: 710° F.
EXTINGUISHING MEDIA: DRY CHEMICAL, CARBON DIOXIDE, WATER FOG, FOAM
SPECIAL FIRE FIGHTING PROCEDURES: SELF CONTAINED BREATHING APPRATUS IN AN ENCLOSED AREA
UNUSUAL FIRE & EXPLOSION HAZARDS: EXTREMELY FLAMMABLE. DO NOT EXPOSE AEROSOLS TO TEMPERATURES ABOVE 130° F., OR THE CYLINDER MAY RUPTURE.

SECTION V: REACTIVITY DATA

STABILITY: STABLE: (X) UNSTABLE ()
CONDITIONS TO AVOID: OPEN FLAME, WELDING ARCS, HEAT, SPARKS, STRONG OXIDIZERS
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

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.

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. ***

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

SECTION IX: SPECIAL PRECAUTIONS

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

OTHER PRECAUTIONS: N/A

DATE REVISED: 3-26-06

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