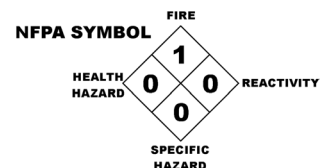




# MATERIAL SAFETY DATA SHEET

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## SECTION 1: IDENTIFICATION & EMERGENCY INFORMATION

**PRODUCT:** ALITHICON FM-H50 FOOD-MACHINERY TURBINE OIL  
**CHEMICAL NAME:** ADDITIVE COMPOUNDED SYNTHETIC FLUID  
**EMERGENCY PHONE:** (229) 888-2520  
**FORMULA:** NOT APPLICABLE

## SECTION II: INGREDIENTS

COMPONENTS	CAS NO	WT%	OSHA PEL	ACGIH TLV
USP HYDROGENATED POLYOLEFIN	68649-11-16	34.0	-----	-----
USP DI-ISODECYL ADIPATE	9003-29-6	64.0	-----	-----
USP ANTI-OXIDANT	128-37-0	2.0	-----	-----

\*\*\* **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):** .89 @ 16° C  
**VAPOR PRESSURE (mm Hg):** 0.01  
**EVAPORATION RATE (n-BUTYL ACETATE=1):** < 0.0015  
**VOLUME % VOLATILE:** NEGLIGIBLE  
**REACTIVITY WITH WATER:** NONE  
**APPEARANCE & ODOR:** CLEAR FLUID WITH A BLAND ODOR  
**BOILING PT:** 309° C  
**VAPOR DENSITY (AIR=1):** 12.0  
**MELTING PT:** N/A  
**SOLUBILITY IN WATER:** NEGLIBLE

## SECTION IV: FIRE & EXPLOSION HAZARD DATA

**FLASH POINT (METHOD):** .329° C (CC)  
**FLAMMABLE LIMITS:** LEL= 1% UEL= 6%  
**AUTO-IGNITION TEMPERATURE:** 710° + F  
**EXTINGUISHING MEDIA:** DRY CHEMICAL, CARBON DIOXIDE, WATER FOG, FOAM, INERT GAS  
**SPECIAL FIRE FIGHTING PROCEDURES:** SELF CONTAINED BREATHING APPRATUS  
**UNUSUAL FIRE & EXPLOSION HAZARDS:** AVOID STORAGE WITH OXIDIZING AGENTS.

## SECTION V: REACTIVITY DATA

**STABILITY:** STABLE: (X) UNSTABLE ( )  
**CONDITIONS TO AVOID:** STRONG OXIDIZING MATERIALS  
**INCOMPATIBLE MATERIALS:** STRONG ACIDS, ALKALINES AND OXIDIZERS SUCH AS CHLORENE AND OXYGEN  
**HAZARDOUS DECOMPOSITION PRODUCTS:** N/A  
**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:** 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

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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 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. \*\*\*

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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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**DATE REVISED:**        3-26-06    

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

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