

MATERIAL SAFETY DATA SHEET

FILE NO.:

NAME OF PRODUCT

MSDS DATE: 01/01/11

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Lifeline Wire Rope Lubricant & Conditioner
SYNONYMS:
PRODUCT CODES:

MANUFACTURER: Applied Agrotech, LLC
DIVISION:
ADDRESS: PO Box 2022, Wimberley, TX 787676-6922

EMERGENCY PHONE: 512-483-4057
CHEMTREC PHONE:
OTHER CALLS:
FAX PHONE: 512-287-4283

CHEMICAL NAME:
CHEMICAL FAMILY:
CHEMICAL FORMULA:

PRODUCT USE: Wire Rope and Chain Lubricant
PREPARED BY: HSE / AALLC

SECTION 1 NOTES:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: Mixed Fatty Triglycerides

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
	<u>ppm</u>	<u>mg/m3</u>	
OSHA PEL-TWA: OSHA PEL STEL : OSHA PEL CEILING:			
ACGIH TLV-TWA: ACGIH TLV STEL: ACGIH TLV CEILING:			

SECTION 2 NOTES:

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

ROUTES OF ENTRY:

POTENTIAL HEALTH EFFECTS
EYES:

SKIN:

INGESTION:

INHALATION:

ACUTE HEALTH HAZARDS: None

CHRONIC HEALTH HAZARDS:

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None

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CARCINOGENICITY

OSHA:

ACGIH: No

NTP: No

IARC: No

OTHER:

SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

EYES:

SKIN: None

INGESTION:

INHALATION:

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: No safety hazard, wash hands with soap and water.

SECTION 4 NOTES:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: None
(% BY VOLUME) LOWER:

FLASH POINT:

F: 375

C:

METHOD USED: Closed cup

AUTOIGNITION TEMPERATURE:

F:

C:

NFPA HAZARD CLASSIFICATION

HEALTH:

FLAMMABILITY:

REACTIVITY:

OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH:

FLAMMABILITY:

REACTIVITY:

PROTECTION:

EXTINGUISHING MEDIA: CO 2 and or water

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS:

SECTION 5 NOTES:

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: No safety hazard, wash hands with soap and water.

SECTION 6 NOTES:

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SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: None

OTHER PRECAUTIONS: None

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

VENTILATION :

RESPIRATORY PROTECTION:

EYE PROTECTION:

SKIN PROTECTION:

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WORK HYGIENIC PRACTICES:

EXPOSURE GUIDELINES:

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Brownish viscus liquid

ODOR: none

PHYSICAL STATE: Oily

pH AS SUPPLIED:

pH (Other):

BOILING POINT:

F: 600

C:

MELTING POINT: 0

F:

C:

FREEZING POINT:

F:

C:

VAPOR PRESSURE (mmHg): 1mm

@

F: 250

C:

VAPOR DENSITY (AIR = 1): 25

@

F:

C:

SPECIFIC GRAVITY (H₂O = 1): .95

@

F:

C:

EVAPORATION RATE: .05

BASIS (=1):

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: .05%

PERCENT SOLIDS BY WEIGHT:

PERCENT VOLATILE:
BY WT/ BY VOL @

F:

C:

VOLATILE ORGANIC COMPOUNDS (VOC):

WITH WATER: LBS/GAL
WITHOUT WATER: LBS/GAL

MOLECULAR WEIGHT:

VISCOSITY:

@

F:

C:

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABLE

UNSTABLE

STABILITY: Very stable

CONDITIONS TO AVOID (STABILITY):

INCOMPATIBILITY (MATERIAL TO AVOID): None

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

HAZARDOUS POLYMERIZATION: Wil Not Occur

CONDITIONS TO AVOID (POLYMERIZATION):

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Biological decomposition in sanitary sewer or in accordance with Local, State, and Federal pollution laws.

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

RCRA HAZARD CLASS:

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SECTION 13: DISPOSAL CONSIDERATIONS (con't)

SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENT:

WATER TRANSPORTATION

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

AIR TRANSPORTATION

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

OTHER AGENCIES:

SECTION 14 NOTES:

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT):

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES:

313 REPORTABLE INGREDIENTS:

STATE REGULATIONS:

INTERNATIONAL REGULATIONS:

SECTION 15 NOTES:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION:

DISCLAIMER: