

# MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT

FILE NO.:

MSDS DATE: 01/01/09

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: MX-237 "The Master Oil"

SYNONYMS:

PRODUCT CODES:

MANUFACTURER: Applied Agrotech, LLC

DIVISION:

ADDRESS: PO Box 2022, Wimberley, TX 787676-6922

EMERGENCY PHONE: 877-237-5501

CHEMTREC PHONE:

OTHER CALLS:

FAX PHONE: 512-287-4283

CHEMICAL NAME:

CHEMICAL FAMILY:

CHEMICAL FORMULA:

PRODUCT USE: Penetrating, Cutting, and Lubricating Oil

PREPARED BY: Mark Baldwin

SECTION 1 NOTES:

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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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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:

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## SECTION 3: HAZARDS IDENTIFICATION

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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:

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## SECTION 4: FIRST AID MEASURES

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EYES:

SKIN: None

INGESTION:

INHALATION:

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

## SECTION 4 NOTES:

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## SECTION 5: FIRE-FIGHTING MEASURES

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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:

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

## SECTION 6 NOTES:

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## SECTION 7: HANDLING AND STORAGE

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HANDLING AND STORAGE: None

OTHER PRECAUTIONS: None

SECTION 7 NOTES:

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS:

VENTILATION :

RESPIRATORY PROTECTION:

EYE PROTECTION:

SKIN PROTECTION:

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WORK HYGIENIC PRACTICES:

EXPOSURE GUIDELINES:

SECTION 8 NOTES:

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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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 (H<sub>2</sub>O = 1): .95

@

F:

C:

EVAPORATION RATE: .05

BASIS (=1):

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

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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:

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## SECTION 10: STABILITY AND REACTIVITY

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STABLE

UNSTABLE

STABILITY: Very stable

CONDITIONS TO AVOID (STABILITY):

INCOMPATIBILITY (MATERIAL TO AVOID): None

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

HAZARDOUS POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID (POLYMERIZATION):

SECTION 10 NOTES:

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## SECTION 11: TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL INFORMATION:

SECTION 11 NOTES:

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## SECTION 12: ECOLOGICAL INFORMATION

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

SECTION 12 NOTES:

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## SECTION 13: DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL METHOD:

RCRA HAZARD CLASS:

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## SECTION 13: DISPOSAL CONSIDERATIONS (con't)

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SECTION 13 NOTES:

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## SECTION 14: TRANSPORT INFORMATION

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### 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:

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## SECTION 15: REGULATORY INFORMATION

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### 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:

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## SECTION 16: OTHER INFORMATION

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OTHER INFORMATION:

PREPARATION INFORMATION:

DISCLAIMER: