

EQUILON ENTERPRISES LLC - PRODUCT STEWARDSHIP -- AEROSHELL GREASE 17 (MIL-G-21164; MIL-G-21164D) -- 9150-00-754-2595

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===== Product Identification =====

Product ID:AEROSHELL GREASE 17 (MIL-G-21164; MIL-G-21164D)

MSDS Date:01/04/1999

FSC:9150

NIIN:00-754-2595

Status Code:A

MSDS Number: CLCBX

=== Responsible Party ===

Company Name:EQUILON ENTERPRISES LLC - PRODUCT STEWARDSHIP

Address:1111 BAGBY RD R

M 4325D

Box:674414

City:HOUSTON

State:TX

ZIP:77267-4414

Country:US

Info Phone Num:877-276-7285

Emergency Phone Num:877-276-7283

Resp. Party Other MSDS Num.:56220E-05

Chemtrec Ind/Phone:(800)424-9300

CAGE:3N254

=== Contractor Identification ===

Company Name:EQUILON ENTERPRISES LLC PRODUCT STEWARDSHIP

Address:1111 BAGBY RD RM 4325D

Box:674414

City:HOUSTON

State:TX

ZIP:77267-4414

Country:US

Phone:877-276-7285

CAGE:3N254

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===== Composition/Information on Ingredients =====

Ingred N

ame:SYNTHETIC ESTER

CAS:103-24-2

RTECS #:CM2000000

= Wt:82.

Ingred Name:INORGANIC CLAY

CAS:1302-78-9

RTECS #:CT9450000

= Wt:6.

Ingred Name:MOLYBDENUM DISULFIDE

CAS:1317-33-5

RTECS #:QA4697000

= Wt:5.

Ingred Name:FATTY ACID AMIDES

CAS:68910-93-0

= Wt:3.

Ingred Name:OTHER COMPONENTS

= Wt:4.

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===== Hazards Identification =====

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chr

onic:EYE: MAY BE MILDLY IRRITATING TO THE

EYES. SKIN: PROLONGED OR REPEATED CONTACT MAY CAUSE VARIOUS SKIN DISORDERS SUCH AS DERMATITIS, FOLLICULITIS OR OIL ACNE. RELEASE DURING HIGH PRESSURE USAGE MAY RESULT IN INJECTION OF GREASE INTO THE SKIN CAUSING LOCAL NECROSIS. INHALATION: NO SPECIFIC INFORMATION IDENTIFIED. INGESTION: NO SPECIFIC INFORMATION IDENTIFIED.

Explanation of Carcinogenicity:THIS PRODUCT & ITS COMPONENTS ARE NOT CLASSIFIED AS CARCINOGENS BY IARC, NTP

, OSHA. THIS SPECIFIC PRODUCT

HAS NOT BEEN TESTED IN LONG-TERM, CHRONIC EXPOSURE TESTS.

Effects of Overexposure:EYE: MAY BE MILDLY IRRITATING TO THE EYES.

SKIN: PROLONGED OR REPEATED CONTACT MAY CAUSE VARIOUS SKIN DISORDERS SUCH AS DERMATITIS, FOLLICULITIS OR OIL ACNE. RELEASE DURING HIGH PRESSURE USAGE MAY RESULT IN INJECTION OF GREASE INTO THE SKIN CAUSING LOCAL NECROSIS. INHALATION: NO SPECIFIC INFORMATION IDENTIFIED. INGESTION: NO SPECIFIC INFORMATION IDENTIFIED.

LOCAL NECROSIS IS EVIDENCED BY DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING INJECTION.

Medical Condition Aggravated by Exposure: PREEXISTING SKIN DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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===== First Aid Measures =====

First Aid: EYES: FLUSH WITH WATER FOR 15 MIN. WHILE HOLDING EYELIDS OPEN.  
SKIN: REMOVE CONTAMINATED CLOTHING & WIPE EXCESS OFF. WASH WITH SOAP & WATER OR A WATERLESS HAND CLEANER FOLLOWED BY SOAP & WATER.

IF MATERIAL IS INJECTED UNDER THE SKIN, GET MEDICAL ATTENTION PROMPTLY. DO NOT WAIT FOR SYMPTOMS TO DEVELOP. INHALATION: REMOVE VICTIM TO FRESH AIR & PROVIDE OXYGEN IF BREATHING IS DIFFICULT. INGESTION: DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES OF PRODUCT ARE INGESTION. FOR ALL ROUTES OF EXPOSURE, GET MEDICAL ATTENTION.

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===== Fire Fighting Measures =====

Flash Point Method: PMCC

Flash

Point: >204.4C, 400.F

(SYNTH. ESTER)

Extinguishing Media: USE WATER FOG, DRY CHEMICAL OR CO2. DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.

Fire Fighting Procedures: DO NOT ENTER CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT INCLUDING A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS SURROUNDING EQUIPMENT AND STRUCTURES WITH WATER.

Unusual Fire/Explosion Hazard: NONE IDENTIFIED.

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===== Accidental Release Measures =====

Spill Release Procedures: SCOOP UP EXCESS GREASE. CLEAN AREA WITH APPROPRIATE CLEANER.

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===== Handling and Storage =====

Handling and Storage Precautions: STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM FLAMES AND HIGH TEMPERATURES.

Other Precautions: MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

LAU

NDER CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF  
CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES, THAT CANNOT BE  
DECONTAMINATED.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE ORDINARILY REQUIRED.

Protective Gloves:USE OIL RESISTANT GLOVES

Other Protective Equipment:USE OTHER CLOTHING AS NEEDED TO MINIMIZE  
SKIN CONTACT.

Supplemental Safety and Health

SHELL CODE: 70017 \*\*NOTE TO PHYSICIAN: IN GENERAL, EMESIS INDUCTION IS

UNNECESSARY IN HIGH VISCOSITY, LOW VOLATILITY PRODUCTS, I.E., MOST  
OILS AND GREASES.

===== Physical/Chemical Properties =====

HCC:V6

Boiling Pt:B.P. Text:NOT AVAILABLE

Melt/Freeze Pt:M.P/F.P Text:NOT AVAILABLE

Vapor Pres:NOT AVAILABLE

Spec Gravity:NOT AVAILABLE

Evaporation Rate & Reference:NOT AVAILABLE

Solubility in Water:INSOLUBLE

Appearance and Odor:DARK GREY, SMOOTH SLIGHT ODOR.

===== Stability and Reactivity Data =====

Sta

bility Indicator/Materials to Avoid:YES

CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT, OPEN FLAMES

Hazardous Decomposition Products:THERMAL DECOMPOSITION PRODUCTS ARE  
HIGHLY DEPENDENT ON THE COMBUSTION CONDITIONS. CARBON MONOXIDE &  
UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Ecological Information =====

Ecological:THIS PRODUCT IS CONSIDERED AN OIL. AS S

UCH, SPILLS INTO OR

LEADING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER, 800-424-8802.

===== Disposal Considerations =====

Waste Disposal Methods:IF THIS PRODUCT BECOMES A WASTE, IT WOULD NOT BE A HAZARDOUS WASTE BY RCRA CRITERIA (40 CFR 261). PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL REGULATIONS.

===== MSDS Transport Information =====

Transport Inf

ormation:THIS PRODUCT IS CONSIDERED AN OIL UNDER 49 CFR (DOT) PART 130. IF SHIPPED BY RAIL OR HIGHWAY IN A TANK WITH A CAPACITY OF 3,500 GALLONS OR MORE, IT IS SUBJECT TO THE REQUIREMENTS OF PART 130. MIXTURE SOLUTIONS IN WHICH THIS PRODUCT IS PRESENT AT 10% OR MORE MAY ALSO BE SUBJECT TO THIS RULE. NOT HAZARDOUS BY DOT REGULATIONS.

===== Regulatory Information =====

Federal Regulatory Information:THE COMPONENTS OF THIS PRODUCT ARE  
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LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES.

PROTECTION OF STRATOSPHERIC OZONE (PURSUANT OT SECTION 611 OF THE CLEAN AIR ACT AMENDMENTS OF 1990): PER 40 CFR PART 82, THIS PRODUCT DOES NOT CONTAIN NOR WAS IT DIRECTLY MANUFACTURED WITH ANY CLASS I OR CLASS II OZONE DEPLETING SUBSTNACES.

State Regulatory Information:MOLYDENUM DISULFIDE (CAS# 1317-33-5; 5%) IS LISTED ON THE CALIFORNIA HAZARDOUS SUBSTANCE LIST.

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piling agencies):

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