

EQUILON ENTERPRISES LLC -- AEROSHELL GREASE 22 -- 9150-00-145-0268

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Product Identification  
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Product ID:AEROSHELL GREASE 22

MSDS Date:10/04/1999

FSC:9150

NIIN:00-145-0268

MSDS Number: CJWTQ

=== Responsible Party ===

Company Name:EQUILON ENTERPRISES LLC

Address:PRODUCT STEWARDSHIP

Box:674414

City:HOUSTON

State:TX

ZIP:77267-4414

Country:US

Info Phone Num:877-276-7285

Emergency Phone Num:87

7-276-7283

Resp. Party Other MSDS Num.:56280E-08

Preparer's Name:KAREN G. HAYNES

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

Contract Num:SP0450-00-D-0041

CAGE:3N254

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Composition/Information on Ingredients  
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Ingred Name:POLYALPHAOLEFINS

CAS:68037-01-4

= Wt:86.

Other REC

Limits:NOT PROVIDED.  
OSHA PEL:NOT PROVIDED.  
ACGIH TLV:NOT PROVIDED.

Ingred Name:INORGANIC CLAY (CAS 1302-78-9)  
CAS:1302-78-9  
RTECS #:CT9450000  
= Wt:6.

Other REC Limits:NOT PROVIDED.  
OSHA PEL:NOT PROVIDED.  
ACGIH TLV:NOT PROVIDED.

Ingred Name:FATTY ACID AMIDES (CAS #: 64754-98-9)  
CAS:64754-98-9  
= Wt:4.

Other REC Limits:NOT PROVIDED.  
OSHA PEL:NOT PROVIDED.  
ACGIH TLV:NOT PROVIDED.

Ingred Name:OTHER COMPONENTS  
= Wt:4.

Other REC Limits:NOT PROVIDED.  
OSHA PEL:NOT PROVIDED.  
ACGIH TLV:NOT PROVIDED.

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

LD50 LC50 Mixture:NOT AVAILABLE.

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE CONTACT: MAY BE MILDLY IRRITATING TO THE EYES. SKIN CONTACT: 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. CHRONIC EXPOSURE HAS NOT BEEN TESTED. LUBRICATING GREASES ARE GENERALLY CONSIDERED TO BE OF A LOW ORDER OF ACUTE TOXICITY TO HUMANS AND EXPERIMENTAL ANIMALS.

Explanation of Carcinogenicity:THIS PRODUCT AND ITS COMPONENTS ARE NOT CLASSIFIED AS CARCINOGENS BY INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC), NATIONAL TOXICOLOGY PROGRAM (NTP) OR OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

ION (OSHA).

Effects of Overexposure:IRRITATION, LOCAL NECROSIS IS EVIDENCED BY DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING INJECTION.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN CONTACT: REMOVE CONTAMINATED CLOTHI NG AND WIPE EXCESS OFF. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. IF MATERIAL IS INJECTED UNDER THE SKIN, GET MEDICAL ATTENTION PROMPTLY TO PREVENT SERIOUS DAMAGE; DO NOT WAIT FOR SYMPTOMS TO DEVELOP. INHALATION: REMOVE VICTIM TO FRE SH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES ARE INGESTED. HOWEVER, GET MEDIC AL ADVICE.

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

Flash Point Method:PMCC

Flash Point:~235.C, 455.F

PMCC/SYNTH HYDRO

Lower Limits:N/AV

Upper Limits:N/AV

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 STTRUCTURES WI TH WATER.

Unusual Fire/Explosion Hazard:NONE IDENTIFIED.

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

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

Neutralizing Agent:NOT RELEVANT.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP

AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.

Other Precautions:MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTIC LES INCLUDING SHOES THAT CANNOT BE DECONTAMINATED.

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

Respiratory Protection:NOT ORDINARILY REQUIRED.

Ventilation:NOT PROVIDED.

Protective Gloves:US

E OIL RESISTANT GLOVES.

Eye Protection:NOT PROVIDED.

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

Work Hygienic Practices:NOT PROVIDED.

Supplemental Safety and Health

NOTE TO THE PHYSICIAN: IN GENERAL, EMESIS INDUCTION IS UNNECESSARY IN HIGH VISCOSITY, LOW VOLATILITY PRODUCTS, I.E., MOST OILS AND GREASES.

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT.

Boiling Pt:B.P. Text:NOT AVAILABLE

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

Decomp Temp:Decomp Text:NOT PROVIDED.

Vapor Pres:NOT AVAILABLE

Spec Gravity:NOT AVAILABLE

pH:NOT RELEVANT.

Viscosity:NOT RELEVANT.

Evaporation Rate & Reference:NOT AVAILABLE

Solubility in Water:INSOLUBLE

Appearance and Odor:AMBER, SMOOTH, SLIGHT ODOR.

Percent Volatiles by Volume:NOT PROVIDED

Corrosion Rate:NOT PROVIDED.

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

Stability Indicator/Materials to Avoid:YES CONTACT W

ITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT, OPEN FLAME.

Hazardous Decomposition Products:A COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID, PARTICULATES AND GASES WILL EVOLVE. CARBON MONOXIDE AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED.

===== Toxicological Information =====

Toxicological Information:NO OSHA/PEL OR ACGIH/TLV HAS BEEN ESTABLISHED. LD50 (ORAL/DERMAL) NOT AVAILABLE..

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

Ecological:NOT PROVIDED.

===== 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 Information:THIS PRODUCT IS 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 I N WHICH THIS PRODUCT IS PRESENT AT 10% OR MORE MAY ALSO BE SUBJECT TO THIS RULE-

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

SARA Title III Information:THIS PRODUCT IS COVERED BY EPA'S COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA) PETROLEUM EXCLUSION. THEREFORE, RELEASES TO AIR, LAND, OR WATER ARE NOT REPORTABLE UNDER CERCLA ("SUPERFUND"). HOWEVER, UNDER SECTION 311 OF EPA'S CLEAN WATER ACT (CWA), THIS PRODUCT IS CONSIDERED AN OIL. AS SUCH, SPILLS INTO OR LEADING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORT ED TO THE NATIONAL RESPONSE CENTER, 800-424-8802.

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

State Regulatory Information:NOT LISTED.

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Other Information =====

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