

EQUILON ENTERPRISES LLC -- ALVANIA EP GREASE 2 -- 9150-00-347-0471

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Product Identification  
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Product ID:ALVANIA EP GREASE 2

MSDS Date:01/04/1999

FSC:9150

NIIN:00-347-0471

Status Code:A

MSDS Number: CLCSH

=== 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

Emergenc

y Phone Num:877-276-7283

Resp. Party Other MSDS Num.:57052E-06 SHELL CODE: 71125

Preparer's Name:KAREN G. HAYNES

Chemtrec Ind/Phone:(800)424-9300

CAGE:TO225

=== Contractor Identification ===

Company Name:EQUILON ENTERPRISES LLC

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Company Name:EQUILON ENTERPRISES LLC.

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Box:674414

City:HOUSTON

State:TX

ZIP:77267-4414

Country:US

Phone:877-276-7285

CAGE:TO351

Company Name:SDB CONSULTANTS LTD  
Address:401 WHITNEY AVE SUITE 120  
Box:City:GRETNA  
State:LA  
ZIP:70056  
Country:US  
Phone:504-366-9105  
Contract Num:SP0411-01-M-EH82  
CAGE:0PGK2

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Address:401 WHITNEY AVE SUITE 120  
Box:City:GRETNA  
State:LA  
ZIP:70056  
Country:US  
Phone:504-366-9105  
Contract Num:SP0450-01-M-LH98  
CAGE:0PGK2

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

= Wt:100.

Ingred Name:HIGHLY REFINED PETROLEUM OILS \*CONTAINS 64742-52-5,  
64742  
-57-0.

Minumum % Wt:80.

Maxumum % Wt:90.

Ingred Name:LITHIUM 12-HYDROXYSTEARATE  
CAS:7620-77-1

Minumum % Wt:5.

Maxumum % Wt:10.

Minumum % Wt:5.

Maxumum % Wt:10.

Ingred Name:ZINC COMPOUNDS

Minumum % Wt:1.

Maxumum % Wt:2.

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

Routes of Entry: Inhalation:UNKNOWN Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYE: LUBRICATING GREASES ARE GENERALLY  
CONSIDERED NO MORE

THAN MINIMALLY IRRITATING TO THE EYES & SKIN.

PROLONGED OR REPEATED LIQUID CONTACT CAN RESULT IN DEFATTING & DRYING OF THE SKIN WHICH MAY RESULT IN SKIN IRRITATION & DERMATITIS. RELEASE DURING HIGH PRESSURE USAGE MAY RESULT IN INJECTION OF GREASE INTO THE SKIN CAUSING LOCAL NECROSIS.

INHALATION: NOT EXPECTED TO BE A RELEVANT ROUTE OF EXPOSURE, HOWEVER, UNDER HIGH TEMPERATURE CONDITIONS, VAPORS IRRITATING TO THE NOSE, THROAT & UPPER RESPIRATORY TRACT MAY BE PRODUCED.

D.

INGESTION: LUBRICATING GREASES ARE GENERALLY CONSIDERED NO MORE THAN SLIGHTLY TOXIC IF SWALLOWED.

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 (OSHA).

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

FOLLOWING INJECTION.

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

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

First Aid: EYE: FLUSH EYES W/ WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING/SHOES & WIPE EXCESS FROM SKIN. FLUSH SKIN W/ WATER. FOLLOWED BY WASHING W/ SOAP & WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. DO NOT REUSE CLOTH

INGESTION: REMOVE VICTIM TO FRESH AIR & PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES OF PRODUCT ARE INGESTED. HOWEVER, GET MEDICAL ADVICE.

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

Flash Point Method: PMCC  
Flash Point

int:=221.1C, 430.F

BASE OIL

Extinguishing Media:USE WATER FOG, FOSM, 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:MATERIAL WILL NOT BURN UNLESS PREHEATED. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS), INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSE D CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard:SULFUR OXIDES AND HYDROGEN SULFIDE, BOTH OF WHICH ARE TOXIC, MAY BE RELEASED UPON COMBUSTION.

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

Spill Release Procedures:SCOOP UP GREASE AND PLACE IN A CONTAINER. DISPOSE OF PROPERLY.

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

Other Precautions:MINIMIZE SKIN CONTACT. WASH WITH SOAP & WATER BEFORE EATING, DRINKING, SMOKING, APPLYING COSMETICS, OR USING TOILET FACILITIES. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE. CONTAMINATED LEATHER ARTICLES INCLUDING SHOES CANNOT BE DECONTAMINATED & SHOULD BE DESTROYED TO PREVENT REUSE.

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

Respiratory Protection:NOT ORDINARILY REQUIRED.

Protective Gloves:WEAR GLOVES TO MINIMIZE CONTACT. NITRILE GLOVES.

Other Protective Equipment:WEAR GLOVES AND OTHER CLOTHING AS REQUIRED TO MINIMIZE CONTACT. TEST DATA FROM PUBLISHED LITERATURE AND/OR

GLOVE AND CLOTHING MANUFACTURERS INDICATE THE BEST PROTECTION IS PROVIDED BY NITRILE GLOVES.

Work Hygienic Practices:AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. Supplemental Safety and Health

PRODUCT: ALVANIA(R) EP GREASE 2. CHEM NAME: MIXTURE. CHEM FAMILY: PETROLEUM HYDROCARBON; LUBRICATING GREASE. SHELL CODE: 71125.

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

AND

GREASES. \*\*\*HEALTH HAZARD: 1 FIRE HAZARD: 1 REACTIVITY: 0

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

HCC:V6

Boiling Pt:B.P. Text:NOT AVAILABLE

Melt/Freeze Pt:=177.C, 350.6F

M.P/F.P Text:DROPPING POINT

Vapor Pres:NOT AVAILABLE

Spec Gravity:5.0 G/KG (RAT)\* BASED ON API STUDIES. HIGHLY REFINED PETROLEUM OILS ACUTE DERMAL LD50>5.0 G/KG (RABBIT)\* BASED ON API STUDIES.

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

Ecological:THIS PRODUCT

IS COVERED BY EPA'S CERCLA PETROLEUM EXCLUSION.

UNDER SECTION 311 OF EPA'S CLEAN WATER ACT, THIS PRODUCT IS CONSIDERED AN OIL. 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 Information:DEPARTMENT OF TRANSPORTATION CLASSIFICATION: NOT HAZARDOUS BY DOT REGULATIONS. DOT PROPER SHIPPING NAME: NOT APPLICABLE. OTHER REQUIREMENTS: NOT APPLICABLE.

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

SARA Title III Information:NOT REGULATED BY SARA TITLE III. TOXIC CHEMICAL, SECTION 313: ZINC COMPOUNDS. 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 REPORTED TO THE NATIONAL RESPONSE CENTER, 800-424-8802.

Federal Regulatory Informatio

n:THE COMPONENTS OF THIS PRODUCT ARE INCLUDED ON EPA/THE TOXIC SUBSTANCE CONTROL ACT (TSCA) INVENTORY OF CHEMICAL SUBSTANCES.

State Regulatory Information:THE FOLLOWING CHEMICALS ARE SPECIFICALLY LISTED BY INDIVIDUAL STATES; OTHER PRODUCT SPECIFIC HEALTH AND SAFETY DATA IN OTHER SECTIONS OF THE MSDS MAY ALSO BE APPLICABLE FOR STATE REQUIREMENTS. FOR DET AILS ON YOUR REGULATORY REQUIREMENTS, YOU SHOULD CONTACT THE APPROPRIATE AGENCY IN YOUR STATE: ZINC COMPOUNDS (1-2%)

CT, FL, IL, LA, MA, NJ, PA, RI.

===== Other Information =====

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