

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

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

Product ID:ALVANIA EP GREASE 2

MSDS Date:01/04/1999

FSC:9150

NIIN:00-347-0471

Status Code:A

MSDS Number: CLBQL

=== Responsible Party ===

Company Name:EQUILON ENTERPRISES LLC - PRODUCT STEWARDSHIP

Address:1111 BAGBY RD RM 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.:57052E-06

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

CAGE:3N254

Company Name:SDB CONSULTANTS LTD

Address:401 WHITNEY AVE SUITE 120

Box:City:GRETNA

State:LA

ZIP:70056

C

country:US  
Phone:504-366-9105  
Contract Num:SP0450-01-M-LB47  
CAGE:0PGK2  
Company Name:SHELL OIL COMPANY  
Address:Box:2463  
City:HOUSTON  
State:TX  
ZIP:77210  
Country:US  
Phone:800-231-6950  
CAGE:54527

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Composition/Information on Ingredients  
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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.

Ingred Name:ADDITIVES CONTAINING: ZI  
NC COMPOUNDS (1-2%)  
Minumum % Wt:5.  
Maxumum % Wt:10.

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

Explanation of Carcinogenicity:THIS PRODUCT AND ITS COMPONENTS

ENTS 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 Cond 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 CLOTHING UNTIL CLEANED. IF MATERIAL IS INJECTED UNDER THE SKIN, GET MEDICAL ATTENTION PROMPTLY TO PREVENT SERIOUS INJURY. INHALATION: 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.

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

Flash Point Method:PMCC

Flash Point:~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 REI

GNITED 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 EXPOSED CONTAINERS WITH WATER.

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

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==== 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. LAUNDRY 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: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

SHELL CODE: 71125. 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:=-177.C, 350.6F

M.P/F.P Text:DROPPING POINT

Vapor Pres:NOT AVAILABLE

Spec Gravity: