

EQUILON ENTERPRISES LLC; PRODUCT STEWARDSHIP -- ALVANIA (R) GREASE 2 (SHELL CODE 71012) -- 9150-01-074-8163

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

Product ID:ALVANIA (R) GREASE 2 (SHELL CODE 71012)

MSDS Date:01/04/1999

FSC:9150

NIIN:01-074-8163

MSDS Number: CKZKX

=== Responsible Party ===

Company Name:EQUILON ENTERPRISES LLC; PRODUCT STEWARDSHIP

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.:57052

Preparer's Name:KAREN G HAYNES

Chemtrec Ind/Phone:(800)424-9300

CAGE:TO173

=== Contractor Identification ===

Company Name:B&M ENTERPRISES

Address:17350 TEMPLE AVE

Box:City:LA PUENTE

State:CA

ZIP:91744

Country:US

Phone:818-912-1275

Contract Num:SP0450-01-M-LB02

CAGE:097K0

Company Name:EQUILON ENTERPRISES LLC; PRODUCT STEWARDSHIP (DIV SHELL)

Address:Box:674414

City:HOUSTON

State:TX

ZIP:77267-4414

Co

Country:US  
Phone:877-276-7285  
CAGE:TO173  
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:SP0450-01-M-LC11  
CAGE:0PGK2

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Composition/Information on Ingredients  
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Ingred Name:HIGHLY REFINED PETROLEUM OILS (INGREDIENTS 1, 2 AND 3: 85 - 90 %)  
CAS:64742-52-5  
RTECS #:PY8035000  
Fraction by Wt: ING NAME  
Other REC Limits:NOT PROVIDED

Ingred Name:HIGHLY REFINED PETROELUM OILS  
CAS:  
64742-18-3  
RTECS #:PY8032000  
Fraction by Wt: SEE ING #1%  
Other REC Limits:NOT PROVIDED

Ingred Name:HIGHLY REFINED PETROELUM OILS  
CAS:64742-54-7  
RTECS #:PY8035500  
Fraction by Wt: SEE ING #1%  
Other REC Limits:NOT PROVIDED

Ingred Name:LITHIUM 12-HYDROXYSTEARATE  
CAS:7620-77-1  
&lt; Wt:10.  
Other REC Limits:NOT PROVIDED

Ingred Name:ADDITIVES  
Minimum % Wt:2.  
Maximum % Wt:3.  
Other REC Limits:NOT PROVIDED

Ingred Name:SODIUM NITRITE  
CAS:7632-00-0  
RTECS #:RA1225000  
&lt; Wt:1.  
Other REC Limits:NOT PROVID

ED  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:NOT AVAILABLE  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE CONTACT: LUBRICATING GREASES ARE  
GENERALLY CONSIDERED NO MORE THAN MINIMALLY IRRITATING TO THE EYES.  
SKIN CONTACT: MILDLY IRRITATING. PROLONGED/REPEATED CONTACT MAY  
CAUSE DEFATTING, IRRITATION AND 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 AND 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 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, LOCAL NECROSIS IS EVIDENCED BY  
DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING  
INJECTION.  
Medical Conditions Aggravated by Exposure:PRE-EXISTING EYE AND SKIN DISORDERS  
MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES: FLUSH WITH  
FRESH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS  
OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.  
WIPE EXCESS FROM SKIN. FLUSH SKIN WITH WATER. FOLLOW BY WASHING  
WITH SOAP AND 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 AND PROVIDE OXYGEN IF  
BREATHING IS DIFFICULT. GET MEDICAL ATTENTION.

ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES ARE INGESTED. HOWEVER, GET MEDICAL ADVICE.

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

Flash Point Method:PMCC  
Flash Point:212.8C, 415.F

BASE OIL

Lower Limits:N/AV

Upper Limits:N/AV

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

Fire

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: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, APPLYING COSMETIC OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF

CONTAMINATED LEATHER ARTICLES INCLUDING SHOES THAT CANNOT BE DECONTAMINATED.

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

Respiratory Protection:NOT ORDINARILY REQUIRED.

Ventilation:NOT PROVIDED

Protective Gloves:WEAR IMPERVIOUS GLOVES TO MINIMIZE SKIN CONTACT.

Eye Protection:NONE IDENTIFIED

Other Protective Equipment:WEAR CLOTHING AS REQUIRED TO MINIMIZE CONTACT.

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

NOTE TO PHYSICIAN: IN GENERAL

, EMESIS INDUCTION IS UNNECESSARY IN HIGH  
VISCOSITY, LOW VOLATILITY PRODUCTS, I.E., MOST OILS AND GREASES.  
ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K =  
UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT  
DETERMINED. N/E = NOT ESTABLISHED.

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

HCC:V6  
NRC/State Lic Num:NOT RELEVANT  
Boiling Pt:B.P. Text:NOT AVAILABLE  
Melt/Freeze Pt:=182.2C, 360.F  
M.P/F.P Text:(DROP POINT)  
Decomp Temp:Decomp  
Text:NOT PROVIDED  
Vapor Pres:NOT AVAILABLE  
Vapor Density:N/AV  
Spec Gravity:NOT AVAILABLE  
Viscosity:NOT PROVIDED  
Evaporation Rate & Reference:NOT AVAILABLE  
Solubility in Water:INSOLUBLE  
Appearance and Odor:AMBER SMOOTH GREASE, SLIGHT ODOR  
Percent Volatiles by Volume:NOT PROVIDED  
Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES  
CONTACT WITH STRONG OXIDIZING AGENTS.  
Stability Condition to Avoid:AVOID H  
EAT, 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 UPON COMBUSTION.

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

Toxicological Information:ING # 1: ACUTE ORAL LD50 > 5.0 G/KG, RAT.  
ACUTE DERMAL LD50 >5 G/KG, RABBIT.

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

Ecological:NOT PROVIDED

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===== 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:NOT REGULATED BY DOT REGULATIONS. 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 IN WHICH THIS PRODUCT IS PRESENT AT 10% OR MORE MAY ALSO BE SUBJECT TO THIS RULE.

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

State Regulatory Information:SOL. REF., HYDROTREATED, ACID TREATED HEAVY NAPHTHENIC, 64742-18-3, 70% MASSACHUSETTS SUBST. LIST.

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

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