

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

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

Product ID:ALVANIA (R)EP GREASE 2

MSDS Date:01/04/1999

FSC:9150

NIIN:01-074-8163

MSDS Number: CJNSK

=== 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

Em

ergency Phone Num:877-276-7283

Resp. Party Other MSDS Num.:57052

Preparer's Name:KAREN G HAYNES

Chemtec Ind/Phone:(800)424-9300

CAGE:TO173

=== Contractor Identification ===

Company Name:AMERICAN INK AND OIL CORP

Address:33 ENDICOTT STREET

Box:City:NORWOOD

State:MA

ZIP:02062-3006

Country:US

Phone:781-762-0026 / FAX: 781-762-1617

CAGE:82956

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:SP0450-00-M-C651

CAGE:0

97K0
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:SP0450-99-M-B304
CAGE:097K0

Company Name:EQUILON ENTERPRISES LLC; PRODUCT STEWARDSHIP (DIV SHELL)
Address:Box:674414
City:HOUSTON
State:TX
ZIP:77267-4414
Country:US
Phone:877-276-7285
CAGE:TO173

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

Ingred Name:HIGHLY REFINED PETROLEUM OILS (INGREDIENTS 1 AND 2: 80 - 90
%)
CAS:64742-52-5

RTECS #:PY8035000
Minumum % Wt:0.
Maxumum % Wt:90.
Other REC Limits:NONE RECOMMENDED

Ingred Name:HIGHLY REFINED PETROLEUM OILS (INGREDIENTS 1 AND 2: 80 - 90
%)
CAS:64742-57-0
Minumum % Wt:0.
Maxumum % Wt:90.
Other REC Limits:NONE RECOMMENDED

Ingred Name:LITHIUM 12-HYDROXYSTEARATE
CAS:7620-77-1
Minumum % Wt:5.
Maxumum % Wt:10.
Other REC Limits:NONE RECOMMENDED

Ingred Name:ADDITIVES CONTAINING: ZINC COMPOUNDS (1-2%)
Minumum % Wt:5.
Maxumum % Wt:10.
Other REC Limits:NONE RECOMMENDED

=====

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

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

Health Hazards Acute and Chronic:TARGET ORGANS: N/P. EYE CONTACT:

LUBRICATING GREASES ARE GENERALLY CONSIDERED NO MORE THAN MINIMALLY IRRITATING TO THE EYES. SKIN CONTACT: MILDLY IRRITATING.

PROLONGED/REPEATED CONTACT MAY CAUSE DEFAT TING, 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 SLI GHTLY 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 P

ROGRAM (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 Cond Aggravated by Exposure:PRE-EXISTING EYE AND SKIN DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES: FLUSH EYES WITH WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENT

ION. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING/SHOES

AND 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.

INHALATI ON: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IN G

ENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE

QUANTITIES 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, 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 Fighting Procedures:MATERIAL WILL NOT BURN UNLESS PREHEATED. DO NOT ENTER CONFINED FIR

E 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.

===== 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 AND WATER BEFORE EATING, DRINKING, SMOKING, APPLYING COSMETIC OR USING TOILET FACILITIES. LAUNDRER 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.

Protective Gloves:WEAR GLOVES,MANUFACTURERS INDICATE BEST PROTECTION PROVIDED BY NITRILE GLOVES

Other Protective Equipment:AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. WEAR CLOTHING AS REQUIRED TO MINIMIZE CONTACT. TEST DATA FROM PUBLISHED LITERATURE OR CLOTHING MANUFACTURERS.

Supplemental Safety and Health

SHELL PRODUCT 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:0.904

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BROWN SMOOTH GREASE, SLIGHT HYDROCARBON ODOR

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

Stability Indicator/Materials to Avoid:YES

CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to

Avoid:AVOID HEAT, FLAME

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

Conditions to Avoid Polymerization:WILL NOT OCCUR

===== 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.

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

SARA Title III Information: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: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 DETAILS 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 =====

Discla

imer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.