

SHELL OIL COMPANY -- ALVANIA EP LF GREASE 2, SHELL CODE:71125 -- 9150-01-074-8163
===== Product Identification =====

Product ID:ALVANIA EP LF GREASE 2, SHELL CODE:71125

MSDS Date:06/08/1994

FSC:9150

NIIN:01-074-8163

MSDS Number: BKRDC

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Address:HEALTH, SAFETY AND ENVIRONMENT

Box:4320

City:HOUSTON

State:TX

ZIP:77210

Country:US

Info Phone Num:7

13-241-4819/4141/2252 FAX -6511

Emergency Phone Num:713-473-9461/800-424-9300(CHEMTREC)

Preparer's Name:J.C. WILLETT

CAGE:54527

=== Contractor Identification ===

Company Name:INLAND PACKAGING INC

Address:209 PETERSON DR

Box:644

City:ELIZABETHTOWN

State:KY

ZIP:42701-9804

Country:US

Phone:502-737-6757

CAGE:66172

Company Name:SALATHE OIL CO INC

Address:2226 PETERS RD

Box:City:HARVEY

State:LA

ZIP:70058

Country:US

Phone:504-366-4542

CAGE:0T5C6

Company Name:SHELL OIL COMPANY

Address:Box:2463

City:HOUS

TON
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:MINERAL OIL, HYDROTREATED (MILD), HEAVY NAPHTHENIC
DISTILLATE, PETROLEUM

CAS:64742-52-5
RTECS #:PY8035000
Fraction by Wt: 50-60%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SOLVENT REFINED HYDROTREATED RESIDUAL OIL

CAS:64742-57-0
Fraction by Wt: 20-30%
Other REC Limits:NONE RECOMMENDED

Ingred Name:LITHIUM 12 HYDROXYSTEARATE

CAS:7620-77-1
Fract
ion by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED

Ingred Name:ZINC NAPHTHANATE

CAS:12001-85-3
RTECS #:QK9275000
Fraction by Wt: 1-2%
Other REC Limits:NONE RECOMMENDED

Ingred Name:ADDITIVES

Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT AVAILABLE

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute a

nd Chronic:EYE:MINIMALLY IRRIT. SKIN:MILDY IRRIT.

POLONG/REPEAT CAN RESULT DEFATTING & DRYING RESULTING IN IRRIT & DERM. RELEASE DURING HI PRESSURE USAGE MAY RESULT IN INJECTION INTO SKIN CAUSING LOCAL NECROSIS. INHAL:UNDER HI TEMP VAPORS IRRIT NOSE,THROAT & UPPER RESP TRACT. INGEST:SLIGHTLY TOXIC.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:MAY CAUSE EYE, SKIN & RESPIRATORY TRA
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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 & SKIN DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYE:FLUSH W/WATER. IF IRRIT OCCURS GET MED ATTN. SKIN:REMOVE CONTAMINATED CLOTH/SHOE. WIPE EXCESS. FLUSH W/WATER. FOLLOW BY WASHING W/SOAP & WATER. IF IRRIT OCCURS GET MED ATTN. INHAL: REMOVE TO FRESH AIR. IN GENERAL NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES OF PRODUCT INGESTED. HOWEVER GET MED ADVICE. PHYSICIAN:IN GEN EMESIS INDUCTION IS UNNECESSARY IN HI VISCOSITY,LOW VOLITILITY PRODUCTS

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

Flash Point Method:PMCC

Flash Point:430F,221C

Extinguishing Media:USE H2O FOG,CO2,FOAM,DRY CHEM. DON'T USE DIRECT STREAM OF H2O;PRODUCT WILL FLOAT & REIGNITE. COOL CONTAINERS W/H2O.

Fire Fighting Procedures:MATL WON'T BURN UNLESS PREHEATED.DON'T ENTER CONFINED FIRE SPACE W/O FULL BUNKER GEAR(HELMET W/FACESHILED,COAT,GLOVE,RUB BOOTS)PLUS +PRESSURE NIOSH APPROVE SCBA

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS SULFUR OXIDES AND HYDROGEN SULFIDE.

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

Spill Release Procedures:LARGE SPILLS: WEAR PROTECTIVE EQUIPMENT AS REQUIRED. STOP LEAK AND DI

Neutra

lizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. KEEP AWAY FROM OPEN FLAMES & HIGH TEMPERATURES.

Other Precautions:MINIMIZE SKIN CONTACT. WASH WITH SOAP & WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE

OF CONTAMINATED LEATHER ARTICLES (SHOES) THAT CAN NOT BE DECONTAMINATED.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS. RESPIRATORY PROTECTION NOT ORDINARILY R EQUIRED.

Ventilation:NONE REQUIRED

Protective Gloves:NITRILE GLOVES GIVE BEST PROTECTION.

Eye Protection:SAFETY GLASSES RECOMMENDED.

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health
DO NOT GET IN EYES OR ON CLOTHING.

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

HCC:V6

Spec Gravity: