

SHELL OIL COMPANY -- ALVANIA EP GREASE 00,A 12377-1 -- 9150-01-178-1221

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

Product ID:ALVANIA EP GREASE 00,A 12377-1

MSDS Date:08/04/1994

FSC:9150

NIIN:01-178-1221

MSDS Number: CGLVG

=== 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:713-241-4819/4141/2252

FAX -6511

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

CAGE:54527

=== Contractor Identification ===

Company Name:COMPTECH CORP

Address:15944 DERWOOD RD

Box:City:ROCKVILLE

State:MD

ZIP:20855

Country:US

Phone:800-284-5279; 301-519-3401

CAGE:0BR38

Company Name:COOPER POWER TOOLS

Address:670 INDUSTRIAL DRIVE

Box:1410

City:COLUMBIA

State:SC

ZIP:29071-1410

Country:US

Phone:803-359-1200

CAGE:24047

Company Name:SHELL OIL COMPANY

Address:Box:2463

City:HOUSTON

State:TX

ZIP:77210

Country:US

Pho

ne:800-231-6950
CAGE:54527

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

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

CAS:64742-52-5

RTECS #:PY8035000

Fraction by Wt: 80 - 82%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:SOLVENT REFINED HYDROTREATED RESIDUAL OIL

CAS:64742-57-0

Fraction by Wt: 5 - 8%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH

TLV:5 MG/M3 AS OIL MIST

Ingred Name:SULFURIZED FATTY MATERIAL

CAS:61790-49-6

Fraction by Wt: 4%

Other REC Limits:NONE RECOMMENDED

Ingred Name:LITHIUM 12-HYDROXYSTEARATE

CAS:7620-77-1

Fraction by Wt: 2 - 3%

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:OTHER ADDITIVES

Fraction by Wt: 5000 MG/KG(64742-52-5)

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcin

ogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN. ACUTE- MILDLY IRRITATING TO EYES. PROLONGED/REPEATED SKIN CONTACT CAUSES DERMATITIS, FOLLICULITIS/OIL ACNE. INJECTION UNDER SKIN CAUSES LOCAL NECROSIS. INHALATION OF VAPORS (GENERATED AT HIGH TEMPERATURES ONLY) MAY CAUSE IRRITATION. SLIGHTLY TOXIC IF INGESTED. CHRONIC- DERMATITIS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, NAUSEA, VOMITING, TISSUE DAMAGE

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FEW HOURS AFTER HIGH PRESSURE INJECTION

Medical Condition Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:CALL A DOCTOR IF SYMPTOMS OCCUR. EYE:FLUSH WITH WATER. HOLD EYELIDS OPEN. SKIN:WIPE EXCESS OFF. WASH SKIN WITH SOAP & WATER OR A WATERLESS HAND CLEANER FOLLOWED BY SOAP & WATER. IF MATERIAL IS INJECTED UNDER SKIN, GET MEDICAL ATTENTION PROMPTLY. DO NOT WAIT FOR SYMPTOMS TO DEVELOP. INHALED:MOVE TO FRESH AIR. PROVIDE OXYGEN IF NEEDED. ORAL:DO NOT INDUCE VOMITING. GET MEDICAL ADVICE.

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

Flash Point Method:PMCC

Flash Point:415F,213C

Extinguishing Media:WATER FOG, FOAM, DRY CHEMICAL/CARBON DIOXIDE. DON'T USE DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED.

Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED OR CONFINED AREA

WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:CONTAINER MAY RUPTURE. COOL CONTAINERS WITH WATER SPRAY.

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

Spill Release Procedures:SCOOP UP EXCESS GREASE, WIPE UP WITH RAGS, PICK-UP RESIDUE WITH NON-FLAMMABLE ABSORBENT MATERIAL SUCH AS DIATOMACEOUS EARTH, SAND OR VERMICULITE. SWEEP UP AND TRANSFER TO A CONTAINER FOR PROPER DISPOSAL

S AL. CLEAN AREA WITH APPROPRIATE
CLEANER.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN A DRY PLACE AWAY FROM OPEN
FLAMES AND STRONG OXIDIZING AGENTS. KEEP CONTAINER CLOSED.

Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE. ALL PRECAUTIONS
SHOULD BE OBSERVED. WASH THOROUGHLY AFTER HANDLING. KEEP OUT OF
REACH OF CHILDREN. AVOID REPEATED SKIN CONTACT. DO NOT GET IN EYES.
LAUNDE
R CONTAMINATED CLOTHING BEFORE REUSE.

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

Respiratory Protection:NONE SHOULD BE NEEDED.

Ventilation:USE ADEQUATE VENTILATION TO KEEP OIL MISTS OF THIS MATERIAL
BELOW APPLICABLE STANDARD(S).

Protective Gloves:NITRILE IF FREQUENT CONTACT EXPECTED

Eye Protection:SAFETY GOGGLES/GLASSES RECOMMENDED

Other Protective Equipment:EYE BATH, WASHING FACILITIES

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECO

MMENDED PROCEDURES. WASH BEFORE EATING OR DRINKING.

Supplemental Safety and Health

PREVIOUS NAME: SHELL ALVANIA EP LF GREASE R00

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

HCC:V6

NRC/State Lic Num:NOT RELEVANT

Melt/Freeze Pt:M.P/F.P Text:401F,205C

Solubility in Water:INSOLUBLE

Appearance and Odor:BROWN SMOOTH GREASE - SLIGHT HYDROCARBON ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZIN

G AGENTS

Stability Condition to Avoid:EXTREME HEAT, OPEN FLAMES

Hazardous Decomposition Products:A COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID, PARTICULATES & GASES WILL EVOVLE. CARBON MONOXIDE & OTHER COMPD. MAY FORM.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL STATE AND FEDERAL LAWS. REUSING OR RECYCLING IS RECOMMENDED.

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