

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

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Product Identification  
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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:713-241-4819/4141/225

2 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

Ph

one: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: 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 Carci

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

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First Aid Measures  
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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.

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Fire Fighting Measures  
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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.

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Accidental Release Measures  
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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 DISP

OS AL. CLEAN AREA WITH APPROPRIATE  
CLEANER.

Neutralizing Agent:NOT RELEVANT

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===== 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.  
LAUND

ER CONTAMINATED CLOTHING BEFORE REUSE.

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===== 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  
REC

COMMENDED PROCEDURES. WASH BEFORE EATING OR DRINKING.

Supplemental Safety and Health

PREVIOUS NAME: SHELL ALVANIA EP LF GREASE R00

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===== 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

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZI

NG 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.

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

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