

SHELL OIL COMPANY -- ALVANIA(R) GREASE 2 -- 9150-00-945-5576

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

Product ID:ALVANIA(R) GREASE 2

MSDS Date:04/23/1991

FSC:9150

NIIN:00-945-5576

MSDS Number: BSSBG

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Address:1 SHELL PLAZA

Box:2463

City:HOUSTON

State:TX

ZIP:77001

Country:US

Info Phone Num:713-241-4819

Emergency Phone Num:713-473-9461 (24 HOUR EMERGENCY)

Preparer's Name:G. A. VAN GELDER

CAGE:54527

=== Contractor Identification ===

Company Name:GENERAL ELECTRIC CO

Address:3135 EASTON TURNPIKE

Box:City:FAIRFIELD

State:CT

ZIP:06431

Country:US

Phone:800-626-2000/800-626-2004 (CHRIS)

CAGE:24446

Company Name:SHELL OIL COMPANY

Address:Box:2463

City:HOUSTON

State:TX

ZIP:77210

Country:US

Phone:800-231-6950

CAGE:54527

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

Ingred Name:DISTILLATES, ACID-TREATED HEAVY NAPHTHENIC

CAS:647

42-18-3
RTECS #:PY8032000
Fraction by Wt: 72% %
Other REC Limits:NONE RECOMMENDED
OSHA PEL:300 PPM
ACGIH TLV:300 PPM

Ingred Name:DISTILLATES, HYDROTREATED HEAVY PARAFFINIC
CAS:64742-54-7
RTECS #:PY8035500
Fraction by Wt: 15% %
Other REC Limits:NONE RECOMMENDED
OSHA PEL:300 PPM
ACGIH TLV:300 PPM

Ingred Name:LITHIUM 12 HYDROXYSTEARATE
CAS:7620-77-1
Fraction by Wt: 10.0% %
Other REC Limits:NONE RECOMMENDED

Ingred Name:OTHER COMPONENTS
Fraction by Wt: 3.0% %
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MILD EYE IRRITATION. PROLONGED OR
REPEATED SKIN CONTACT MAY CAUSE VARIOUS SKIN DISORDERS SUCH AS
DERMATITIS, FOLLICULITIS OR OIL ACNE. RELEASE DURING HIGH PRESSURE
USAGE MAY RESULT IN INJECTION OF OIL INTO THE SKIN CAUSING LOCAL
NECROSIS.INHALATION/INGESTION NOT EXPECTED TO BE A ROUTE OF
EXPOSURE.

Explanation of Carcinogenicity:THIS PRODUCT IS NOT LISTED BY IARC, NTP
OR OSHA AS A CARCINOGEN, MUTAGEN, TERATOGEN OR NEUROTOXIN.

Effects of Overexposure:EYE IRRITATION, SKIN
IRRITATION/CRACKING/DEFATTING.M LOCAL NECROSIS IS EVIDENCED BY THE
DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING
INJECTION.

Medical Cond Aggravated by Exposure:PREEXISTING SKIN DISORDERS MAY BE
AGGRAVATED BY EXP

OSURE TO THIS PRODUCT.

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

First Aid:INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET. GET MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. IF MATERIAL IS INJECTED INTO SKIN, GETMEDICAL ATTENTION IMMEDIATELY. EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VO MITING.
GET PHYSICIAN.

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

Flash Point Method:PMCC
Flash Point:415F,213C
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:WATER FOG, DRY CHEMICAL, CARBON DIOXIDE. DO NOT USE A DIRECT STREAM OF WATER.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/E
xplosion Hazard:PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.

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

Spill Release Procedures:SCOOP UP EXCESS GREASE. CLEAN AREA WITH APPROPRIATE CLEANER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID HEAT, OEPN FLAMES AND CONTACT WITH STRONG OXIDIZING AGENTS. STORE IN IN COOL, DRY PLACE WITH

ADEQUATE VENTILATION.

Other Precautions:MINIMIZE SKIN CONTACT. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES, THAT CANNOT BE DECONTAMINATED.

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

Respiratory Protection:NOT NORMALLY REQUIRED.
Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION TO MAINTAIN EXPOSURE LEVELS.
Protective Gloves:OIL RESISTANT GLOVES
Eye Protection:SAFETY GLASSES
Oth

er Protective Equipment:OIL RESISTANT CLOTHING

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

NOTE TO PHYSICIAN: IN GENERAL, EMESIS INDUCTION IS UNNECESSARY IN HIGH VISCOSITY, LOW VOLATILITY PRODUCTS, IE, MOST OILS AND GREASES.

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

HCC:V6

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

V

apor Density:NOT GIVEN

Spec Gravity:NOT GIVEN

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:INSOLUBLE

Appearance and Odor:AMBER, SMOOTH, SLIGHT ODOR

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS

Stability Condition to Avoid:AVOID HEAT, OPEN FLAMES

Hazardous Decomposition Products:COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID PARTICULATES AND GASES WILL EVOLVE. CARBON MON

OXIDE AND

UNIDENTIFIED ORGANICS

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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