

SHELL OIL COMPANY -- 70014, AEROSHELL GREASE 14 (MIL-G-25537; MIL-G-25537C) --
9150-00-478-0055

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

Product ID:70014, AEROSHELL GREASE 14 (MIL-G-25537; MIL-G-25537C)

MSDS Date:01/04/1999

FSC:9150

NIIN:00-478-0055

Status Code:A

MSDS Number: CLLHR

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Box:5320

City:HOUSTON

State:TX

ZIP:77210

Country:US

Info Phone Nu

m:713-473-9461

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

Resp. Party Other MSDS Num.:EQUILON MSDS: 56200E08

Chemtec Ind/Phone:(800)424-9300

CAGE:TO336

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT

Address:2275 TUCKER INDUSTRIAL RD

Box:City:TUCKER

State:GA

ZIP:30084

Country:US

Phone:770-938-4513/FAX 770-938-3966

Contract Num:SP0450-01-M-LP45

CAGE:1MDA6

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:

CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

Contract Num:SP0450-00-M-C177

CAGE:4N760

Company Name:EQUILON ENTERPRISES LLC PRODUCT STEWARDSHIP

Address:1111 BAGBY RD RM 4325D

Box:674414

City:HOUSTON

State:TX

ZIP:77267-4414

Country:US

Phone:877-276-7285

CAGE:3N254

Company Name:SHELL OIL COMPANY

Address:Box:4320

City:HOUSTON

State:TX

NED, HYDROTREATED MIDDLE DISTILLATE

CAS:64742-46-7

RTECS #:JN9379645

Minumum % Wt:20.

Maxumum % Wt:30.

Ingred Name:SOLVENT REFINED, HYDROTREATED LIGHT NAPHTHENIC DISTILLATE

CAS:64742-53-6

RTECS #:PY8036000

Minumum % Wt:20.

Maxumum % Wt:30.

Ingred Name:SOLVENT REFINED, HYDROTREATED LIGHT PARAFFINIC DISTILLATE

CAS:64742-56-9

RTECS #:PY8039500

Minumum % Wt:35.

Maxumum % Wt:40.

Ingred Name:CALCIUM HYDROXYSTEARATE

CAS:3159-62-4

Minumum % Wt:10.

Maxumum % Wt:12.

Ingred Name:OTHER COMPONENTS

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t:2.

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

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

Health Hazards Acute and Chronic:EYE CONTACT: MAY BE MILDLY IRRITATING TO THE EYES. SKIN CONTACT: PROLONGED OR REPEATED CONTACT MAY CAUSE VARIOUS SKIN DISORDERS SUCH AS DERMATITIS, FOLLICULITIS OR OIL ACNE. RELEASE DURING HIGH PRES SURE USAGE MAY RESULT IN INJECTION OF GREASE INTO THE SKIN CAUSING LOCAL NECROSIS. INHALATION: NOT EXPECTED TO BE A R

ELEVANT ROUTE OF EXPOSURE; HOWEVER, UNDER HIGH TEMPERATURE CONDITIONS, VAPORS IRRI TATING TO THE NOSE, THROAT & UPPER RESPIRATORY TRACT MAY BE PRODUCED. INGESTION: GREASES ARE GENERALLY CONSIDERED TO HAVE A LOW ORDER OF ACUTE ORAL TOXICITY.

Explanation of Carcinogenicity:THIS PRODUCT AND ITS COMPONENTS ARE NOT CLASSIFIED AS CARCINOGENS BY INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC), NATIONAL TOXICOLOGY PROGRAM (NTP) OR OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

(OSHA).

Effects of Overexposure:IRRITATION AS NOTED ABOVE. LOCAL NECROSIS IS EVIDENCED BY DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING INJECTION.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYE-FLUSH WITH WATER FOR 15 MIN WHILE HOLDING EYE-LIDS OPEN. GET MEDICAL AID. SKIN-REMOVE CONTAMINATED CLOTHES & WIPE EXCESS

OFF. WASH WITH SOAP & WATER OR A WATERLESS HAND CLEANER FOLLOWED BY SOAP & WATER. DO NOT REUSE CLOTHING UNTIL CLEANED. IF IRRITATION PERSISTS, GET MEDICAL AID IF MATERIAL IS INJECTED UNDER THE SKIN, GET MEDICAL AID PROMPTLY TO PREVENT SERIOUS DAMAGE.

INHALATION-REMOVE VICTI M TO FRESH AIR & PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL AID. INGESTION-DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES OF PRODUCT ARE INJECTE

D. HOW EVER, GET MEDICAL ADVICE.

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

Flash Point Method:PMCC

Flash Point:≈310.C, 590.F

Extinguishing Media:USE WATER FOG, DRY CHEMICAL OR CARBON DIOXIDE. DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT & CAN BE REIGNITED ON SURFACE OF WATER.

Fire Fighting Procedures:DO NOT ENTER CONFINED FIRE SPACE WITHOUT PROPER PROTECTION EQUIPMENT INCLUDING A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS

SURROUNDING EQUIPMENT AND STRUCTURES WI TH WATER.

Unusual Fire/Explosion Hazard:NONE IDENTIFIED.

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

Spill Release Procedures:SCOOP UP EXCESS GREASE. CLEAN AREA WITH APPROPRIATE CLEANER. MATERIAL WILL NOT BURN UNLESS PREHEATED. DO NOT ENTER CONFINED FIRE-SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES & RUBBER BOOTS), INCLUDING A POSITIVE-PRESSURE NIOSH-APPROVED

SELF -CONTAINED BREATHING
APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

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Handling and Storage
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Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH
ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES & HIGH
TEMPERATURES.

Other Precautions:MINIMIZE SKIN CONTACT. WASH WITH SOAP & WATER BEFORE
EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDER
CONTAMINATED CLOTHING BEFORE RESUE. PROPERLY DISPOSE OF
CONT
AMINATED LEATHER ARTICLES , INCLUDING SHOES, THAT CAN NOT BE
DECONTAMINATED.

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Exposure Controls/Personal Protection
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Respiratory Protection:NOT ORDINARILY REQUIRED.

Protective Gloves:USE OIL RESISTANT GLOVES.

Other Protective Equipment:USE OTHER CLOTHING AS NEEDED TO MINIMIZE
SKIN CONTACT.

Work Hygienic Practices:WASH WITH SOAP AND WATER BEFORE EATING,
DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDER CONTAMINATED
LEATHER ARTICLES, INCLUDING SHOE
S, THAT CANNOT BE DECONTAMINATED.

Supplemental Safety and Health

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

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Physical/Chemical Properties
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HCC:V6

NRC/State Lic Num:NONE

Melt/Freeze Pt:=-140.C, 284.F

Spec Gravity:7.3 LB/GAL

Solubility in Water:NEGLIGIBLE

Appearance and Odor:TAN,SMOOTH,SLIGHT ODOR.

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT, OPEN FLAMES.

Hazardous Decomposition Products:THERMAL DECOMPOSITION PRODUCTS ARE
HIGHLY DEPENDENT ON THE COMBUSTION CONDITIONS. CARBON MONOXIDE &
UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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Toxicological Information
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Toxicological Information:BASED U

NO DATA AVAILABLE, COMPONENT 5 IN

THIS PRODUCT IS NOT HAZARDOUS UNDER OSHA HAZARD COMMUNICATION (29 CFR 1910.120C).

===== 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: D

DEPARTMENT OF TRANSPORTATION CLASSIFICATION: NOT HAZARDOUS BY D.O.T. REGULATIONS. DOT PROPER SHIPPING NAME: NOT APPLICABLE. OTHER REQUIREMENTS: NOT APPLICABLE. THIS PRODUCT IS AN OIL UNDER 49 CFR (DOT) PART 130. IF SHIPPED BY RAIL OR HIGHWAY IN A TANK WITH A CAPACITY OF 3,500 GALLONS OR MORE, IT IS SUBJECT TO THE REQUIREMENTS OF PART 130. MIXTURE SOLUTIONS IN WHICH THIS PRODUCT IS PRESENT AT 1 0% OR MORE MAY ALSO BE SUBJECT TO THIS RULE.

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Regulatory Information =====

SARA Title III Information: IN ACCORDANCE WITH SARA TITLE III, SECTION 313, THE ATTACHED ENVIRONMENTAL DATA SHEET, SHOULD ALWAYS BE COPIED AND SENT WITH THE MSDS. BASED ON THE DATA AVAILABLE THIS PRODUCT IS NOT REGULATED BY SARA ,TITLE III.

Federal Regulatory Information: THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCE. PRODUCT IS APPROVED BY USDA FOR USE FOR MEAT AND POULTRY PROCESSING SERVICE

WHERE THERE IS NO CONTACT WITH EDIBLE PRODUCTS. THIS PRODUCT DOES NOT CONTAIN NOR WAS IT DIRECTLY MANUFACTURED WITH ANY CLASS I OR CLASS II OZONE DEPLETING SUBSTANCES.

State Regulatory Information: STATE LISTED COMPONENT: SOL. REF., HYDROTREATED LIGHT PARAFFINIC DISTILLATE. CAS NO.: 64742-56-9. PERCENT: 35-40. STATE CODE: MA. STATE LISTED COMPONENT: SOL. REF., HYDROTREATED LIGHT NAPHTHENIC DISTILLATE. CAS NO.: 64742-53-6. PERCENT: 20-30. STATE CODE: MA. MASSACHUSETTS

===== Other Information =====

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vice to verify and
assume responsibility for the suitability of this information to their
particular situation.