

EQUILON ENTERPRISES LLC -- AEROSHELL GREASE 14 (MIL-G-25537; MIL-G-25537C) --
9150-00-721-8581

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

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

MSDS Date:01/04/1999

FSC:9150

NIIN:00-721-8581

MSDS Number: CKJLV

=== Responsible Party ===

Company Name:EQUILON ENTERPRISES LLC

Address:PRODUCT STEWARDSHIP

Box:674414

City:HOUSTON

State:TX

ZIP:77267-4414

Count

ry:US

Info Phone Num:877-276-7285

Emergency Phone Num:877-276-7283

Resp. Party Other MSDS Num.:56200E-08

Preparer's Name:KAREN G. HAYNES

Chemtrec Ind/Phone:(800)424-9300

CAGE:3N254

=== Contractor Identification ===

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:SDB CONSULTANTS LTD

Address:401 WHITNEY AVE SUITE 120

Box:City:GRETNA

State:LA

ZIP:70056

Countr

4742-56-9
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
< Wt:2.

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE - EYE CONTACT: PRODUCT MAY BE
MILDLY IRRITATING TO THE EYES. SKIN CONTACT: PROLONGED OR REPE
ATED
CONTACT MAY CAUSE VARIOUS DISORDERS SUCH AS DERMATITIS,
FOLLICULITIS OR OIL ACNE. RELEASE DURING HIGH PRESSURE USAGE MAY
RESULT IN INJECTION OF GREASE INTO THE SKIN CAUSING LOCAL NECROSIS.
INHALATION: NOT EXPECTED TO BE A RELEVANT ROUTE OF EXPOSURE;
HOWEVER, UNDER HIGH TEMPERATURE CONDITIONS, VAP ORS IRRITATING TO
NOSE, THROAT AND UPPER RESPIRATORY TRACT MAY BE PRODUCED.
INGESTION: GREASES ARE GENERALLY CONSIDERED TO HAVE A LOW ORDER OF
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, 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 P
RODUCT.

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

First Aid:EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING
EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN CONTACT: REMOVE
CONTAMINATED CLOTHING AND WIPE EXCESS OFF. WASH SKIN WITH SOAP AND
WATER OR A WATER LESS HAND CLEANER FOLLWED BY SOAP AND WATER. IF
INJECTED UNDER THE SKIN, GET MEDICAL ATTENTION PROMPTLY TO PREVENT
SERIOUS DAMAGE. DO NOT WAIT FOR SYMPTOMS TO DEVELOP. INHALATION:
REMOVE

VICTIM TO FRE SH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES OF PRODUCT ARE INGESTED. HOWEVER, GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC

Flash Point:=310.C, 590.F

BASE OIL

Lower Limits:N/AV

Upper Limits:N/AV

Extinguishing Media:USE WATER FOG, DRY CHEMICAL OR CARBON DIOXIDE (C

O2). DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.

Fire Fighting Procedures:DO NOT ENTER CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT INCLUDING A NIOSH APPROVED SELF-COCNTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS SUROUNDING EQUIPMENT AND STRUCTURES WI TH WATER.

Unusual Fire/Explosion Hazard:NONE IDENTIFIED.

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

Spill Release Procedures:SCO

OP UP EXCESS GREASE. CLEAN AREA WITH

APPROPRIATE CLEANER. MATERIAL WILL NOT BURN UNLESS PREHEATED. DO NOT ENTER CONFINED SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACESHIELD, BUNKER COATS, GLOVS AND RUBBER BOOTS), INCLUDING A POSITIVE-PRESSURE, NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Handling and

Storage Precautions:STORE IN A COOL, DRY PLACE WITH

ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.

Other Precautions:MINIMIZE SKIN CONTACT. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, APPLYING COSMETIC OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. PROPERL Y DISPOSE OF CONTAMINATED LEATHER ARTICLES INCLUDING SHOES THAT CANNOT BE DECONTAMINATED. KEEP OUT O F REACH OF CHILDREN.

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

Ventilation:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Protective Gloves:OIL RESISTANT GLOVES.

Eye Protection:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Other Protective Equipment:USE OIL RESISTANT GLOVES AND OTHER CLOTHING
AS NEEDED TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices:GOOD PRACTICE REQUIRES THAT GROSS AMOUNT OF ANY
CHEMICAL BE REMOVED FROM THE SKIN AS SOON AS PRACTICAL.

Supplemental Safety and Health

SHELL CODE: 70014.

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Physical/Chemical Properties
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HCC:V6

Boiling Pt:B.P. Text:NOT AVAILABLE

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

M.P/F.P Text:DROP POINT

Vapor Pres:NOT AVAILABLE

Spec Gravity:0.876

Evaporation Rate & Reference:NOT AVAILABLE

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

AVOI

D CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT, OPEN FLAME.

Hazardous Decomposition Products:DEPENDS HIGHLY ON THE COMBUSTION
CONDITION. A COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID,
PARTICULATES AND GASES WILL EVOLVE. CARBON MONOXIDE AND
UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED.

Conditions to Avoid Polymerization:HAZARDOUS POLYMERIZATION WILL NOT
OCCUR.

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Toxicological Information
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Toxicological Informat

ion:THIS SPECIFIC PRODUCT HAS NOT BEEN TESTED IN
LONG-TERM, CHRONIC EXPOSURE TESTS. LUBRICATING GREASES ARE
GENERALLY CONSIDERED TO BE OF A LOW ORDER OF ACUTE TOXICITY TO
HUMANS AND EXPERIMENTAL ANIMALS.

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Ecological Information
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Ecological:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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Disposal Considerations
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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.

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MSDS Transport Information
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Transport Information:NOT HAZARDOUS BY DOT REGULATIONS. DOT PROPER
SHIPPING NAME: NOT APPLICABLE. OTHER REQUIREMENTS: NOT APPLICABLE.

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Regulatory Information
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SARA Title III Information:BASED ON THE DATA AVAILABLE THIS PRODUCT IS
NOT REGULATED BY SARA TITLE I

II.

Federal Regulatory Information:THE COMPONENTS OF THIS PRODUCT ARE
LISTED ON THE EPA/TOXIC SUBSTANCE CONTROL ACT (TSCA) INVENTORY OF
CHEMICAL SUBSTANCES. THIS PRODUCT IS COVERED BY EPA'S COMPREHENSIVE
ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA)
PETROLEUM EXCLUSION. THEREFORE, RELEASES TO AIR, LAND, OR WATER ARE
NOT REPORTABLE UNDER CERCLA ("SUPERFUND"). HOWEVER, UNDER SECTION
311 OF EPA'S CLEAN WATER ACT (CWA), THIS PRODUCT IS CONSIDERED AN
OI

L. AS SUCH, SPILLS INTO OR LEADING TO SURFACE WATERS THAT CAUSE
A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER,
800-424-8802.

State Regulatory Information:THE FOLLOWING CHEMICALS ARE SPECIFICALLY
LISTED BY INDIVIDUAL STATES; OTHER PRODUCT SPECIFIC HEALTH AND
SAFETY DATA IN OTHER SECTIONS OF THE MSDS MAY ALSO BY APPLICABLE
FOR STATE REQUIREMENTS. FOR DETAILS ON YOUR REGULATORY
REQUIREMENTS YOU SHOULD CONTACT THE APPROPRIATE STATE AGENCY.
MASSACHUSETTS SUBS

T. LIST: SOLVENT REFINED, HYDROTREATED LIGHT
PARAFFINIC DISTILLATE, CAS# 64742-56-9, 35-40%; SOL VENT REFINED,
HYDROTREATED LIGHT NAPHTHENIC DISTILLATE, CAS# 64742-53-6, 20-30%.

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

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