

SHELL OIL COMPANY -- AEROSHELL GREASE 17;SHELL CODE:70017 -- 9150-00-223-4004  
===== Product Identification =====

Product ID:AEROSHELL GREASE 17;SHELL CODE:70017

MSDS Date:01/04/1999

FSC:9150

NIIN:00-223-4004

MSDS Number: BDKGN

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Address:PRODUCT SAFETY AND COMPLIANCE

Box:4320

City:HOUSTON

State:TX

ZIP:77210

Country:US

Info Phone Num:713-241-48

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Emergency Phone Num:713-473-9461

Resp. Party Other MSDS Num.:56220E-05

Preparer's Name:KAREN G. HAYNES.

Chemtrec Ind/Phone:(800)424-9300

CAGE:54527

=== Contractor Identification ===

Company Name:ARPOL PETROLEUM CO

Box:City:NEW YORK

State:NY

ZIP:10007

Country:US

Phone:212-964-4517

CAGE:0JWS4

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  
Country:US  
Phone:504-366-9105  
Contract Num:SP0450-00-M-C246  
CAGE:0PGK2  
Company Name:SDB CONSULTANTS LTD  
Address:401 WHITNEY AVE SUITE 120  
Box:City:GRETNA  
State:LA  
ZIP:70056  
Country:US  
Phone:504-366-9105  
Contract Num:SP0450-99-M-B262  
CAGE:0PGK2  
Company Name:SHELL OIL COMPANY  
Address:Box:2463  
City:HOUSTON  
State:TX  
ZIP:77210  
Country:US  
Phone:800-231-6950  
CAGE:54527

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Composition/Information on Ingredients  
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Ingred Name:SYNTHETIC ESTER  
CAS:103-24-2  
= Wt:82.  
Other REC Limits:NONE SPECIFIED

Ingred Name:INORGANIC CLAY  
CAS:1302-78-9  
= Wt:6.  
Other REC Limits:NONE SPECIFIED

Ingred Name:MOLYBDENUM DISULFIDE  
CAS:1317-33-5  
RTECS #:QA4697000  
= Wt:5.  
Other REC Limits:NONE SPECIFIED

Ingred Name:FATTY ACID AMIDES  
CAS:68910-93-0  
= Wt:3.  
Other REC Limits:NONE SPECIFIED

Ingred Name:OTHER COMPONENTS  
= Wt:4.  
Other REC Limits:NONE SPECIFIED

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Hazards Identification  
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Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES: MAY BE MILDLY IRRITATING TO THE EYES. SKIN: PROLONGED OR REPEATED CONTACT MAY CAUSE VARIOUS SKIN DISORDERS SUCH AS DERMATITIS, FOLLICULITIS OR OIL ACNE. HIGH PRESSURE RELEASE MAY RESULT IN INJECTION OF GREASE INTO THE SKIN CAUSING LOCAL NECROSIS. INHALATION: NO SPECIFIC INFORMATION IDENTIFIED. INGESTION: NO SPECIFIC INFORMATION IDENTIFIED.

Explanation of Carcinogenicity:NO OSHA /PEL OR ACGIH/TLV HAS BEEN ESTABLISHED. THE PRODUCT & ITS COMPONENTS ARE NOT CLASSIFIED AS CARCINOGENIC BY IARC, NTP OR 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 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 WATERLESS CLEANER AND/OR SOAP AND WATER. IF IRRITATION PERSISTS,GET MEDICAL ATTENTION. IF MATERIAL IS INJECTED UNDER SKIN, GET MEDICAL ATTENTION PROMPTLY TO PREVENT SERIOUS DAMAGE. DO NOT WAIT FOR SYMPTOMS. INHALATION: REMOVE VICTIM TO FRESH 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. GET MEDICAL ADVICE.

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

Flash Point Method:PMCC  
Flash Point:>204.4C, 400.F  
SYNTH.ESTER  
Extinguishing Media:USE WATER FOG, DRY CHEMICAL OR CARBON DIOXIDE.  
Fire Fighting Procedures:DO NOT ENTER CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT INCLUDING NIOSH APPROVED SELF

-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS SURROUNDING EQUIPMENT AND STRUCTURES WITH WATER.

Unusual Fire/Explosion Hazard:DO NOT USE A DIRECT STREAM OF WATER; PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.

===== 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 COAT, GLOVES & RUBBER BOOTS), INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.  
Other Precautions:MINIMIZE SKIN CONTACT. WASH WITH SOAP & WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES, THAT CANNOT BE DECONTAMINATED.

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

Respiratory Protection:NORMALLY NOT REQUIRED.  
Protective Gloves:USE OIL RESISTANT GLOVES.  
Other Protective Equipment:USE OIL RESISTANT GLOVES AND OTHER CLOTHING AS NEEDED TO MINIMIZE SKIN CONTACT.  
Work Hygienic Practices:WASH WITH SOAP & WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.  
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.

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

HCC:V6  
Evaporation Rate & Reference:N/A(N-BU ACETATE=1)  
Solubility in Water:INSOLUBLE  
Appearance and Odor:DARK GREY, SMOOTH, SLI

GHT 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: A COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID, PARTICULATES AND GASES WILL EVOLVE. CARBON MONOXIDE, CARBON DIOXIDE AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED.

===== Toxicological Information =====

Toxicological Information: OTHER HEALTH EFFECTS: THE PRODUCT & ITS COMPONENTS ARE NOT CLASSIFIED AS CARCINOGENIC BY IARC, NTP OR OSHA. THIS SPECIFIC PRODUCT HAS NOT BEEN TESTED IN LONG-TERM, CHRONIC EXPOSURE TESTS. LUBRICATING GREASES ARE GENERALLY CONSIDERED TO BE A LOW ORDER OF ACUTE TOXICITY TO HUMANS & EXPERIMENTAL ANIMALS. HOWEVER, THE HANDLING PROCEDURES & SAFETY PRECAUTIONS IN THIS MSDS SHOULD BE FOLLOWED TO MINIMIZE EMPLOYEE'S EXPOSURE. NO OSHA/PEL OR ACGIH

TLV HAS BEEN ESTABLISHED.

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

Waste Disposal Methods: CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER. DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

===== Regulatory Information =====

SARA Title III Information: EPA - CLEAN WATER ACT (CWA). THIS PRODUCT IS CLASSIFIED AS AN OIL UNDER SECTION 311 OF CLEAN WATER ACT. SPILLS ENTERING (A) SURFACE WATERS OR (B) ANY

WATERCOURSES OR SEWERS

ENTERING/LEAVING TO SURFACE WATER THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER, 800-424-8802.

Federal Regulatory Information: THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TOXIC SUBSTANCE CONTROL ACT (TSCA) INVENTORY OF CHEMICAL SUBSTANCES.

State Regulatory Information: MOLYBDENUM DISULFIDE, 1317-33-5 5% LISTED BY CALIFORNIA HAZ. SUBS. LIST..

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

Disclaime

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

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