

SHELL OIL COMPANY -- AEROSHELL GREASE 17, CODE:70017 -- 9150-00-935-4018

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Product Identification  
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Product ID:AEROSHELL GREASE 17, CODE:70017

MSDS Date:03/06/1991

FSC:9150

NIIN:00-935-4018

MSDS Number: BFXNZ

=== 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:713-241-4819

Emergen

cy Phone Num:713-473-9461,800-424-9300(CHEMTREC)

Preparer's Name:J.C.WILLETT

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: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:DIESTER FLUID  
CAS:103-24-2  
RTECS #:CM2000000  
Fraction by Wt: 82.0%  
Other REC Limits:NONE SPECIFIED

Ingred Name:BENTONITE  
CAS:1302-78-9  
RTECS #:CT9450000  
Fraction by Wt: 6.0%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:5 MG/M3 (DUST)  
ACGIH TLV:5 MG/M3 (DUST)

Ingred Name:MOLYBDENUM DISULFIDE  
CAS:1317-33-5  
RTECS #:QA4697000  
Fraction by Wt: 5.0%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:5 M  
G MO/M3  
ACGIH TLV:5 MG MO/M3

Ingred Name:FATTY ACID AMIDES  
CAS:68910-93-0  
Fraction by Wt: 3.0%  
Other REC Limits:NONE SPECIFIED

Ingred Name:UNIDENTIFIED COMPONENTS  
Fraction by Wt: 4.0%  
Other REC Limits:NONE SPECIFIED

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Hazards Identification  
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Routes of Entry: Inhalation:UNKNOWN Skin:YES Ingestion:YES  
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 AND INGESTION: NO SPECIFIC INFORMATION IDENTIFIED.

Explanation of Carcinogenicity:DATA PER MSDS

Effects of Overexposure:EYES: MILD IRRITATION. SKIN: SEE HEALTH HAZARDS DATA. LOCAL NECROSIS IS EVIDENCED BY DELAYED ONSET OF PAIN AND TISSUE DAMAGE A FEW HOURS FOLLOWING INJECTION.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: MOVE TO FRESH AIR. GIVE CPR IF NOT BREATHING. IF BREATHING DIFFICULT GIVE OXYGEN. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC

Flash Point:>400F/204C

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

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

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION. SCOOP UP EXCESS GREASE. CLEAN AREA WITH APPROPRIATE CLEANER. RECOVER FOR PROPER DISPOSAL.

Neutralizing Agent:NOT APPLICABLE.

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===== Handling and Storage

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Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:KEEP PRODUCT AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES. MINIMIZE SKIN CONTACT. DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION.

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

Respiratory Protection:NORMALLY NOT REQUIRED. USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS/MIST IF ABOVE PEL/TLV. USE SCBA IN AN ENCLOSED AREA.

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING

OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

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

HCC:V6

Solubility in Water:INSOLUBLE

Appearance and Odor:DARK GREY, SMOOTH, SLIGHT ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG

OXIDIZING AGENTS

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.

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

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

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