

SHELL OIL COMPANY -- AEROSHELL(R) GREASE 22 (MIL-G-81322;DOD-G-24508A) --
9150-01-117-2928

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

Product ID:AEROSHELL(R) GREASE 22 (MIL-G-81322;DOD-G-24508A)

MSDS Date:04/05/1991

FSC:9150

NIIN:01-117-2928

MSDS Number: BGWFT

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Address:HEALTH, SAFETY AND ENVIRONMENT

Box:4320

City:HOUSTON

State:TX

ZIP:77210

Country:U

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Info Phone Num:713-241-4819/4141/2252 FAX -6511

Emergency Phone Num:713-473-9461

Resp. Party Other MSDS Num.:EQUILON MSDS: 56280E-08

Preparer's Name:J. C. WILLETT

Chemtrec Ind/Phone:(800)424-9300

CAGE:54527

=== Contractor Identification ===

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:SP0-450-01-M-C455

CAGE:0PGK2

Company Name:SHELL OIL COMPANY

Address:Box:2463

City:HOUSTON

State:TX

ZIP:77210

Cou

ntry:US
Phone:800-231-6950
CAGE:54527

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Composition/Information on Ingredients
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Ingred Name:POLYALPHAOLEFINS
CAS:68037-01-4
= Wt:86.

Ingred Name:INORGANIC CLAY
CAS:1302-78-9
= Wt:6.

Ingred Name:FATTY ACID AMIDES
CAS:64754-98-9
= Wt:4.

Ingred Name:OTHER COMPONENTS
= Wt:4.

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Hazards Identification
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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 PRESSURE USAGE MAY RESULT IN INJECTION OF
GREASE INTO THE SKIN CAUSING NECROSIS. INHALATION: NO SPECIFIC
INFORMATION IDENTIFIED. INGESTION: NO SPECIFIC INFORMATION
IDENTIFIED.

Explanation of Carcinogenicity:THIS PRODUCT & ITS COMPONENTS ARE NOT
CLASSIFIED AS CARCINOGENS 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.

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First Aid Measures
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First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS
OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHES &
WIPE EXCESS OFF. WASH WITH SOAP

& WATER. DO NOT REUSE CLOTHING UNTIL THOROUGHLY CLEANED. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. IF MATERIAL IS INJECTED UNDER SKIN, GET MEDICAL ATTENTION PROMPTLY TO PREVENT SERIOUS DAMAGE; DO NOT WAIT FOR SYMPTOM TO DEVELOP. INHALED: REMOVE VICTIM TO FRESH AIR. PROVIDE OXYGEN IF BREATHING DIFFICULT. GET MEDICAL ATTENTION. INGESTED: DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT NEEDED UNLESS LARGE QUANTITIES INGESTED. GET MEDICAL ADVICE.

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

Flash Point Method:PMCC
Flash Point:=-235.C, 455.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 PROTECTIVE EQUIPMENT INCLUDING A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS SURROUNDING EQUIPMENT AND STRUCTURES WITH WATER.
Unusual Fire/Explosion Hazard:NONE IDENTIFIED.

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

Spill Release Procedures:SCOOP UP EXCESS GREASE. CLEAN AREA WITH APPROPRIATE CLEANER. 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 =====

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE W/ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES & HIGH TEMPERATURES.
Other Precautions:NOTE TO PHYSICIAN: IN GENERAL, EMESIS INDUCTION IS UNNECESSARY IN HIGH VISCOSITY, LOW VOLATILITY PRODUCTS, I.E., MOST OILS AND GREASES.

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

Respiratory Protection:NOT ORDINARILY REQUIRED.
Ventilation:NONE

SPECIFIED BY MANUFACTURER.

Protective Gloves:USE OIL RESISTANT GLOVES.

Eye Protection:NONE SPECIFIED BY MANUFACTURER.

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

Work Hygienic Practices:WASH W/SOAP & WATER BEFORE EATING, DRINKING, SMOKING/TOILET FACILITIES. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATRHER ARTICLES, INCLUDING SHOES.

Supplemental Safety and Health

CHEM NAME: MIXTURE. CHEM FAMILY: LUBRICATING G

REASE. SHELL CODE: 70022.

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

HCC:V6

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:A COMPLEX MIXTURE OF AIRBORNE SOLID, LIQUID PARTICULATES AND GASES WIL

L EVOLVE. CARBON MONOXIDE AND

OTHER UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:ACUTE TOXICITY DATA: BASED UPON DATA AVAILABLE, THIS PRODUCT IS NOT HAZARDOUS UNDER OSHA HAZARD COMMUNICATION (29 CFR 1910.1200).

===== 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:DEPARTMENT OF TRANSPORTATION CLASSIFICATION: NOT HAZARDOUS BY DOT REGULATIONS. DOT PROPER SHIPPING NAME: NOT APPLICABLE. OTHER REQUIRMENTS: NOT APPLICABLE.

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

SARA Tit

le III Information:IN ACCORDANCE WITH SARA TITLE III, SECTION 313, THE ENVIRONMENTAL DATA SHEET (EDS) 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 INCLUDED ON EPA/THE TOXIC SUBSTANCE CONTROL ACT (TSCA) INVENTORY OF CHEMICAL SUBSTANCES. PROTECTION OF STRATOSPHERIC OZONE (PURSUANT TO SECTION 611 OF THE CLEAN AIR AMENDMENTS OF 1990): PER 40 CFR PART 82, THIS PRODUCT DOES NOT CONTAIN NOR WAS IT DIRECTLY MANUFACTURED WITH ANY CLASS 1 OR CLASS II OZONE DEPLETING SUBSTANCES.

State Regulatory Information:BASED ON INFORMATION AVAILABLE TO SHELL, THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL SUBSTANCE LISTED ON A CHEMICAL SPECIFIC STATE LIST.

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

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