

SHELL OIL COMPANY -- AEROSHELL(R) GREASE 6 MIL-G-24139A -- 9150-00-180-6382

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Product Identification
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Product ID:AEROSHELL(R) GREASE 6 MIL-G-24139A

MSDS Date:07/20/1989

FSC:9150

NIIN:00-180-6382

Status Code:A

MSDS Number: CKWBN

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Box:4320

City:HOUSTON

State:TX

ZIP:77210

Country:US

Info Phone Num:713-241-4819

Emergency Phone Num:713-4

73-9461

Resp. Party Other MSDS Num.:56,100-5

Chemtrec Ind/Phone:(800)424-9300

CAGE:52527

=== 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-C357

CAGE:0PGK2

Company Name:SHELL OIL COMPANY

Address:1 SHELL PLZ

Box:2463

City:HOUSTON

State:TX

ZIP:77342-2463

Country:US

Phone:800-231-6950

CAGE:52527

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Composition/Information on Ingredients
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Ingred Name:SOLVENT REFINED: HYDROTREATED HEAVY PARAFFINIC DISTILLATES
CAS:64742-54-7
Code:F
RTECS #:PY8035500
= Wt:86.

Ingred Name:INORGANIC CLAY
CAS:1302-78-9
RTECS #:CT9450000
= Wt:6.

Ingred Name:FATTY ACID AMIDES
CAS:68910-93-0
= Wt:4.

Ingred Name:OTHER COMPONENTS
= Wt:4.

===== 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. SK
IN 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 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 Conditions Aggravated by Exposure:PREEXISTING SKIN DISORDERS MAY BE
AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING

G 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.

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

Flash Point Method:PMCC

Flash Point:=198.9C, 390.F

BASE OIL

Lower Limits:N/AV

Upper Limits:N/AV

Extinguishing Media:USE WATER FOG, DRY CHEMICAL OR CO2. 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-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS SURROUNDING EQUIPMENT AND STRUCTURES WITH WATER.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

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

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

Handling and Storage Precautions:

STORE IN A COOL, DRY PLACE WITH

ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES. MINIMIZE SKIN CONTACT.

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

OVES.

Other Protective Equipment:USE OIL RESISTANT 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. PROPERLY DISPOSE OF CONTAMINATED LEATHER ITEMS THAT CANNOT BE DECONTAMINATED.

Supplemental Safety and Health

BASED ON DATA AVAILABLE TO SHELL, COMPONENT 4 (OTHER COMPONENTS) IN THIS PRODUCT IS NOT HAZARDOUS UNDER OSHA HAZARD COMMUNICATI

ON (29 CFR

1910.1200). CHEMICAL FAMILY: MIXTURE. CHEMICAL FAMILY: LUBRICATING GREASE. SHELL CODE: 70026.

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

HCC:V6

Melt/Freeze Pt:=148.9C, 300.F

Solubility in Water:INSOLUBLE

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

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

Stability Indicator/Materials to Avoid:YES

CONTACT WITH STRONG OXIDIZING AGENT.

Stability Condition to Avoid:AVOID HEAT, OPEN

FLAME.

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.

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

Toxicological Information: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

HUMAN & EXPERIMENTAL ANIMALS. HOWEVER, THE HANDLING PROCEDURES & SAFETY PRECAUTIONS IN THIS MSDS SHOULD BE FOLLOWED TO MINIMIZE EMPLOYEE'S EXPOSURE.

===== Ecological Information =====

Ecological:EPA-CLEAN WATER ACT (CWA). THIS PRODUCT IS CLASSIFIED AS AN OIL UNDER SECTION 311 OF THE CLEAN WATER ACT. SPILLS ENTERING (A) SURFACE WATERS OR (B) ANY WATERCOURSES OR SEWERS ENTERING/LEAVING TO SURFACE WATERS

THAT CAUSE A SHEEN MUST BE REPORTED TO THE
NATIONAL RESPONSE CENTER, 800-424-8802.

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

Waste Disposal Methods:DISPOSE OF IN APPROPRIATE DISPOSAL FACILITY IN
COMPLIANCE WITH LOCAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:DEPARTMENT OF TRANSPORTATION CLASSIFICATION: NOT
HAZARDOUS BY D.O.T. REGULATIONS.

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

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SARA Title III Information:IN ACCORDANCE WITH SARA TITLE III, SECTION
313, THE ENVIRONMENTAL DATA SHEET SHOULD ALWAYS BE COPIED AND SENT
WITH THE MSDS. BASED ON THE DATA AVAILABLE TO SHELL, 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 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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This information is formulated for
use by elements of the Department
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assume responsibility for the suitability of this information to their
particular situation.