

SHELL OIL COMPANY -- AEROSHELL(R) OIL W 100 (MIL-L-22851D; SAE 50) -- 9150-00-235-9059

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

Product ID:AEROSHELL(R) OIL W 100 (MIL-L-22851D; SAE 50)

MSDS Date:02/22/1995

FSC:9150

NIIN:00-235-9059

Status Code:A

MSDS Number: CJGMQ

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Box:4320

City:HOUSTON

State:TX

ZIP:77210

Country:US

Info Phone Num:713-473-9461;713

-241-2252/4819

Emergency Phone Num:713-473-9461

Resp. Party Other MSDS Num.:857460-09

Preparer's Name:NOT PROVIDED.

Chemtrec Ind/Phone:(800)424-9300

CAGE:54527

=== Contractor Identification ===

Company Name:SALATHE OIL CO INC

Address:2226 PETERS RD

Box:City:HARVEY

State:LA

ZIP:70058

Country:US

Phone:504-366-4542

Contract Num:SP0450-99-M-B147

CAGE:0T5C6

Company Name:SALATHE OIL CO INC

Address:2226 PETERS RD

Box:City:HARVEY

State:LA

ZIP:70058

Country:US

Phone:504-366-4542

Contract Num:SP0450-99-MB

326
CAGE:0T5C6
Company Name:SDB CONSULTANTS LTD
Address:401 WHITNEY AVE SUITE 120
Box:City:GRETNA
State:LA
ZIP:70056
Country:US
Phone:504-366-9105

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 =====

Ingred Name:HYDROTREATED HEAVY PARAFFINIC DISTILLATE
CAS:64742-54-7
RTECS #:PY8035500
Minimum % Wt:50.
Maximum % Wt:67.
Other REC Limits:NONE RECOMMEN
DED
OSHA PEL:5 MG/M3 (OIL MIST)
Code:F
ACGIH TLV:5 MG/M3 (OIL MIST)
Code:F

Ingred Name:HYDROTREATED RESIDUAL OIL
CAS:64742-57-0
Minimum % Wt:30.
Maximum % Wt:47.
Other REC Limits:NONE RECOMMENDED

Ingred Name:ADDITIVES
Minimum % Wt:3.
Maximum % Wt:5.
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT PROVIDED.
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS: NOT PROVID

ED. EYE

CONTACT: BASED ON COMPONENT INFORMATION, PRODUCT IS NO MORE THAN MINIMALLY IRRITATING TO THE EYES. SKIN CONTACT: BASED ON COMPONENT INFORMATION, PRODUCT IS NO MORE THAN MILDLY IRRITATING TO THE SKIN. PROLONGED OR REPEATED CONTACT MAY CAUSE VARIOUS DISORDERS SUCH AS DERMATITIS, FOLLICULITIS OR OIL ACNE. INHALATION: INHALATION OF VAPORS (GENERATED AT HIGH TEMPERATURES ONLY) OR OIL MISTS FROM THIS PRODUCT MAY CAUSE MILD IRRITATION TO THE UPPER RESPIRATORY TRACT.

INGESTION: BASED ON COMPONENT INFORMATION THIS PRODUCT IS NO MORE THAN SLIGHTLY TOXIC IF SWALLOWED.

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: PRODUCT IS NO MORE THAN MINIMALLY IRRITATING TO THE EYES. PRODUCT IS NO MORE THAN MILDLY IRRITATING TO THE SKIN.

PROLONGED OR REPEATED CONTACT MAY CAUSE VARIOUS DISORDERS SUCH AS DERMATITIS, FOLLICULITIS OR OIL ACNE. INHALATION OF VAPORS (GENERATED AT HIGH TEMPERATURES ONLY) OR OIL MISTS FROM THIS PRODUCT MAY CAUSE MILD IRRITATION TO THE UPPER RESPIRATORY TRACT. THIS PRODUCT IS NO MORE THAN SLIGHTLY TOXIC IF SWALLOWED.

Medical Condition Aggravated by Exposure: PERSONS WITH PRE-EXISTING SKIN DISORDERS OR RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid: EYE CONTACT: FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND WIPE EXCESS FROM SKIN. FLUSH SKIN WITH WATER. FOLLOW BY WASHING WITH SOAP AND WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. DO NOT REUSE CLOTHING UNTIL CLEANED. INHALATION: MOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. GET MEDICAL ATTENTION.

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

Flash Point Method: PMCC
Flash Point: =250.C, 482.F

Extinguishing Media: USE WATER FOG, FOAM, DRY CHEMICAL OR CO2. DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.

ATER.

Fire Fighting Procedures:MATERIAL WILL NOT BURN UNLESS PREHEATED. DO NOT ENTER CONFINED, FIRE-SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS), INCLUDING A POSITIVE-PRESSURE NIOS H-APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

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

Spill Release Procedures:MAY BURN ALTHOUGH NOT READILY IGNITABLE. LARGE SPILLS: WEAR RESPI

RATOR AND PROTECTIVE CLOTHING AS APPROPRIATE.

SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. DIKE AND CONTAIN. REMOVE WITH VACUUM TRUCKS OR PUMP TO STORAGE/SALVAGE VESSELS. SOAK UPRESIDUE/SMALL SPILLS WITH AN ABSORBENT SUCH AS CLAY, SAND OR OTHER SUITABLE MATERIAL, DISPOSE OF PROPERLY. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VE

NTILATED. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.

Other Precautions:MINIMIZE SKIN CONTACT. WASH WITH SOAP BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES INCLUDI NG SHOES THAT CANNOT BE DECONTAMINATED.

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

Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS USE A NI

OSH-APPROVED RESPIRATOR TO PREVENT

OVEREXPOSURE. IN ACCORDANCE WITH 29CFR1910.134, USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANICVAPORS AND PARTICULATES.

Ventilation:ADEQUATE

Protective Gloves:CHEMICAL RESISTANT GLOVES BEST PROTECTION USE NITRILE GLOVES

Eye Protection:WEAR SAFETY GOGGLES TO AVOID EYE CONTACT.

Other Protective Equipment:WEAR CHEMICAL RESISTANT AND OTHER PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE SKIN CONTACT.

Work Hyg

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

Supplemental Safety and Health
TLV = 5 MG/M3 (AS OIL MIST)

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

HCC:V6

Melt/Freeze Pt:=-20.C, -4.F

M.P/F.P Text:POUR POINT

Vapor Pres:5.0 G/KG (ORAL, RAT).

ACUTE DERMAL LD50 IS >5.0 G/KG (RABBIT)

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

Waste Disposal Methods:IF THIS PRODUCT B

ECOMES A WASTE, IT WOULD NOT BE

A HAZARDOUS WASTE BY RCRA CRITERIA (40 CFR 261). PLACE IN AN
APPROPRIATE DISPOSAL FACILITY IN COMPLICANCE WITH LOCAL
REGULATIONS.

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

Transport Information:THIS PRODUCT IS AN OIL UNDER 49 CFR (DOT) PART
130. IF SHIPPED BY RAIL OR HIGHWAY IN A TANK WITH A CAPACITY OF
3,500 GALLONS OR MORE, IT IS SUBJECT TO THE REQUIREMENTS OF PART
130. MIXTURE SOLUTIONS I N WHICH THIS PRODUCT
IS PRESENT AT 10% OR
MORE MAY ALSO BE SUBJECT TO THIS RULE.

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

SARA Title III Information: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 OIL.

AS SUCH, SPILLS INTO OR LEADING TO SURFACE

WATERS THAT CAUSE A SHEEN MUST BE REPORT ED TO THE NATIONAL
RESPONSE CENTER, 800-424-8802

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

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

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

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