

SHELL OIL COMPANY -- DIALA(R) OIL AX -- 5910-00-198-9757

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

Product ID:DIALA(R) OIL AX
MSDS Date:01/16/1996
FSC:5910
NIIN:00-198-9757
Status Code:A
MSDS Number: CKCQP
=== Responsible Party ===
Company Name:SHELL OIL COMPANY
Box:2463
City:HOUSTON
State:TX
ZIP:77210
Country:US
Info Phone Num:800-231-6950
Emergency Phone Num:713-473-9461
Resp. Party Other MSDS Num.:60
030-10 T 01/16/96
Chemtrec Ind/Phone:(800)424-9300
CAGE:54527

=== Contractor Identification ===

Company Name:PLASTIC CAPACITORS INC (312-489-2229)
CAGE:99120
Company Name:SHELL OIL COMPANY
Address:Box:2463
City:HOUSTON
State:TX
ZIP:77210
Country:US
Phone:800-231-6950
CAGE:54527

===== Composition/Information on Ingredients =====

Ingred Name:SEVERELY HYDROTREATED MIDDLE DISTILLATE
CAS:64742-46-7
RTECS #:JN9379645
Minimum % Wt:50.
Maximum % Wt:100.
Other REC Limits:NONE RECOMMEN

DED
OSHA PEL:5 MG/M3 AS OIL MIST
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:HYDROTREATED LIGHT NAPHTHENIC DISTILLATE
CAS:64742-53-6
RTECS #:PY8036000
Minumum % Wt:0.
Maxumum % Wt:50.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

Ingred Name:BUTYLATED HYDROXY TOLUENE
CAS:128-37-0
RTECS #:GO7875000
< Wt:.2
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3
ACGIH TLV:10 MG/M3; 9596

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: PRESUMED NON-IRRITATING. SKIN:
PRESUMED TO BE SLIGHTLY IRRITATING. PROLONGED & REPEATED CONTACT
MAY RESULT IN VARIOUS SKIN DISORDERS SUCH AS DERMATITIS,
FOLLICULITIS OR OIL ACNE. RELEASE DURING HIGH PRESSURE USAGE MAY
RESULT IN INJECTION OF OIL INTO THE SKIN CAUSING LOCAL NECROSIS.
INHALATION: VAPORS (GENERATED AT HIGH TEMPERATURES) OR OIL MIST MAY
CAUSE MILD IRRITATION OF TH
E MUCOUS MEMBR ANES OF THE UPPER
RESPIRATORY TRACT. INGESTION: ASPIRATION (BREATHING OF VOMITUS
INTO THE LUNGS) OF EVEN SMALL QUANTITIES MAY RESULT IN ASPIRATION
PNEUMONITIS.

Explanation of Carcinogenicity:NONE
Effects of Overexposure:ASPIRATION PNEUMONITIS MAY BE EVIDENCED BY
COUGHING, LABORED BREATHING & CYANOSIS (BLUISH SKIN). IN SEVERE
CASES DEATH MAY OCCUR. LOCAL NECROSIS IS EVIDENCED BY DELAYED ONSET
OF PAIN & TISSUE DAMAGE A FEW HOURS FOLLOWING INJECTION.

Medical

Cond Aggravated by Exposure: PREEEXISTING SKIN & RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid: EYES: FLUSH EYES WITH WATER. IF IRRITATION OCCURS, GET MEDICAL ATT'N. SKIN: REMOVE CONTAMINATED CLOTHING/SHOES & WIPE EXCESS FROM SKIN. FLUSH SKIN WITH WATER. FOLLOW BY WASHING WITH SOAP & WATER. IF IRRITATION OCCURS, GET MEDICAL ATT'N. IF MATERIAL IS INJECTED UNDER THE SKIN, GET MEDICAL ATT'N PROMPTLY. INHALATION: REMOVE VICTIM TO FRESH AIR & PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATT'N. INGESTION: DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. SEE SUPPLEMENTAL DATA.

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

Flash Point Method: COC
Flash Point: =146.1C, 295.F
Extinguishing Media: WATER FOG, FOAM, DRY CHEMICAL OR CO2. DO NOT USE DIRECT STREAM OF WATER. PRODUCT WILL FLOAT & CAN BE REIGNITED ON WATER SURFACE.
Fire Fighting Procedures: DO NOT ENTER CONFINED FIRE-SPACE WITHOUT FULL BUNDR GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES & RUBBER BOOTS), INCLUDING A POSITIVE-PRESSURE HIOSH-APPROVED SELF-CONTAINED BREATHING APPARATU S. COOL FIRE EXPOSED CONTAINERS WITH WATER.
Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures: LARGE SPILLS: WEAR RESPIRATOR & PROTECTIVE CLOTHING AS APPROPRIATE. SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. DIKE & CONTAIN. REMOVE WITH VACUUM TRUCKS OR PUMP TO STORAGE SALVAGEVESSELS. SOAK UP RESIDUE WITH AN ABSORBENT SUCH AS CLAY, SAND, OR OTHER SUITABLE MATERIALS. DIPOSE OF PROPERLY. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE. TAKE UP SMALL SPILLS WITH ABSORBENT MATERIAL & DISPOSE.

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

=====

Handling and Storage Precautions:MINIMIZE SKIN CONTACT. WASH WITH SOAP & WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER ARTICLES , INCLUDING SHOES, THAT CANNOT BE DECONTAMINATED.

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

Respiratory Protection:IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29 CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS & PARTICULATES.

Protective Gloves:WEAR CHEMICAL-RESISTANT GLOVES (NITRILE GLOVES RECOMMENDED)..

Eye Protection:NO SPECIAL EYE PROTECTION IS ROUTINELY NECESSARY.

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

Supplemental Safety and Health

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

HCC:V6

Boiling Pt:>148.9C, 300.F

Melt/Freeze Pt:=-40.C, -40.F

Spec Gravity:0.8833 (H2O=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WHITE LIQUID; SLIGHT HYDROCARBON ODOR.

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

Stability Indicator/Materials to Avoid:YES

AVOID OXIDIZING MATERIALS.

Stability Condition to Avoid:AVOID HEAT AND OPEN FLAMES.

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

Waste Disposal Methods

:PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL REGULATIONS.

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

Transport Information:NOT HAZARDOUS BY DOT REGULATIONS.

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

SARA Title III Information:IN ACCORDANCE WITH SARA TITLE III, SECTION 313, THE ATTACHED ENVIRONMENTAL DATA SHEET SHOULD ALWAYS BE COPIED & SENT IWTH THE MSDS.

Federal Regulatory Information:IF THIS PRODUCT BEC OMES A WASTE, IT WUOLD NOT BE A HAZARDOUS WASTE BY RCRA CRITERIA (40 CFR 261).

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.