

SHELL OIL COMPANY -- DIALA(R) A OIL, 68701, 69701, 68744 -- 9160-00-685-0914

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

Product ID:DIALA(R) A OIL, 68701, 69701, 68744

MSDS Date:02/23/1993

FSC:9160

NIIN:00-685-0914

MSDS Number: BKJNG

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Address:HEALTH, SAFETY AND ENVIRONMENT

Box:4320

City:HOUSTON

State:TX

ZIP:77210

Country:US

Info Phone Num:713-241-4819

/4141/2252 FAX -6511

Emergency Phone Num:713-473-9461/800-424-9300(CHEMTREC)

Preparer's Name:G. A. VAN GELDER

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

CAGE:0T5C6

Company Name:SHELL OIL COMPANY

Address:Box:2463

City:HOUSTON

State:TX

ZIP:77210

Country:US

Phone:800-231-6950

CAGE:54527

Company Name:TULSTAR PRODUCTS INC

Address:1722 S CARSON, SUITE 2907

Box:City:TULSA

State:OK

Z

IP:74119
Country:US
Phone:918-587-7878/FAX -3297 (DAVID COOK)
CAGE:0F2M5
Company Name:UNIMARK OIL COMPANY (FORMERLY GARD OIL)
Address:2727 ROE LANE
City:KANSAS CITY
State:KS
ZIP:66103-1543
Country:US
Phone:913-236-5000; FX 913-236-4419
CAGE:3K676

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

Ingred Name:SOLVENT REFINED, HYDROTREATED MIDDLE DISTILLATE
CAS:64742-46-7
RTECS #:JN9379645
Fraction by Wt: 50-100%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SEVERELY HYDROTREA
TED LIGHT NAPHTHENIC DISTILLATES
CAS:64742-53-6
RTECS #:PY8036000
Fraction by Wt: 0-50%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 (OIL MIST)
ACGIH TLV:5 MG/M3 (OIL MIST)

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:HEALTH EFFECTS BASED ON ESSENTIALLY
SIMILAR PRODUCT TESTING:EYES:NON-IRRIT.SKIN:SLIGHTLY
IRRIT.PRLON
/REPEAT COTNACT RESULT IN VAR
DISORDERS(DERM,FOLLICULITIS,OIL ACNE).RELEASE DURING HI PRESSURE
USAGE MAY RESULT IN INJECTIN OF OIL INTO SKIN CAUSING LOCAL
NECROSIS.INHAL:VAP/MIST MILD IRRIT OF UPPER RESP TRACT.(SUPPLEME)
Explanation of Carcinogenicity:PER MSDS:PROD & COMPONENTS ARE NOT
CLASSIFIED AS CARCINOGENS BY IARC/NTP/OSHA.
Effects of Overexposure:EYE/SKIN/UPPER RESP TRACT IRRITATION.
ASPIRATION PNEUMONITIS MAY BE EVIDENCED BY COUGHING, LABORED
BREATHING & CYANOSIS

(BLUISH SKIN); SEVERE CASES DEATH MAY OCCUR.

LOCAL NECROSIS IS EVIDENCE BY DELAY ED ONSET OF PAIN & TISSUE
DAMAGE A FEW HOURS FOLLOWING INJECTION.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN & RESPIRATORY
DISORDERS MAY BE AGGRAVATED BY EXPOUSRE TO THIS PRODUCT.

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

First Aid:EYES:FLUSH W/WATER.SKIN:REMOVE CONTAMIN CLOTH/SHOES.WIPE
EXCESS FROM SKIN.FLUSH W/WATER FOLLOWED BY WASHING W/SOAP/WATER.IF
MAT

L INJECTED UNDER SKIN GET MED ATTN IMMED.INHAL:REMOVE TO FRESH
AIR.PROVID E OXY IF BREATH DIFFI.INGEST:DO NOT INDUCE VOMIT.IF
OCCURS SPONTANEOUSLY KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF
LIQ INTO LUNGS. IN ALL CASES GET MED ATTN. DR:EMESIS SHOULD BE
INDUCED (SUPPLEME)

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

Flash Point Method:PMCC

Flash Point:280F,138C

Extinguishing Media:USE WATER FOG, FOAM, DRY CHEMICAL OR CO2. DO NOT
USE DIRECT STREAM O

F WATER. PROD WILL FLOAT & REIGN ON SURFACE OF
WATER

Fire Fighting Procedures:MATL WILL NOT BURN UNLESS PREHEATED.DO NOT
ENTER CONFINED FIRESpace W/O FULL BUNKER
GEAR(HELMET/FACESHIELD/COATS/GLOVES/BOOTS)PLUS +PRESS NIOSH
APPROVED SCBA.

Unusual Fire/Explosion Hazard:COOL FIRE EXPOSED CONTAINERS WITH WATER.

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

Spill Release Procedures:MAY BURN BUT NOT READILY IGN.USE CAUTIOUS
JUDGEMENT WHEN CLEANING UP.WEAR RES

P/PROT CLOTH AS APPROPRIATE.SHUT
OFF LEAK W/O RISK.DIKE/CONTAIN.REMOVE W/VACUUM TKS/PUMP TO STORAGE
SALVAGE VESS.SOAKUP RES IDUE
W/ABSORBENT(CLAY,SAND,OTHER),FLUSHW/WATER.

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

Handling and Storage Precautions:STORE IN COOL DRY PLACE W/ADEQUATE
VENTILATION.KEEP AWAY FROM OPEN FLAMES & HIGH TEMPS.BE SAFE.READ
SAFETY INFO & PASS IT ON.

Other Precautions:PRODUCT CONTAINS NO DETECTABLE LEVELS(2.0ML/KG & NOT
VOMI

TED.IF SYMPT SUCH AS LOSS OF G AG REFLEX,CONVULSIONS,UNCONC
OCCUR BEFORE EMESIS GASTRIC LAVAGE USING CUFFED ENDOTRACEAL TUBE
SHOULD BE CONSIDERED.

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

HCC:N1

Boiling Pt:B.P. Text:>400F,>204C

Melt/Freeze Pt:M.P/F.P Text:-40F,POU PT

Spec Gravity:0.8893

Viscosity:12CST @104F

Evaporation Rate & Reference:NOT AVAILABLE

Appearance and Odor:WHITE LIQUID, SLIGHT HYDROCARBON ODOR.

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIALS.

Stability Condition to Avoid:AVOID HEAT, OPEN FLAMES.

Hazardous Decomposition Products:HIGHLY DEPENDENT ON COMBUST
CONDITIONS.COMPLEX MIXTURE OF AIRBORNE SOL/LIQ/PARTICU/GAS WILL
EVOLVE FROM PYROLYSIS/COMBUS

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

Waste Disposal Methods:NONE SPECIFIED BY MFG. HOWEVER DISPOSE OF
PRODUCT IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND
FEDERAL
REGULATIONS.

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