

UNION OIL COMPANY OF CALIFORNIA -- 76 DIESEL 2 LS, 01614

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 MSDS Safety Information
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FSC: 9140
 MSDS Date: 10/04/1993
 MSDS Num: CDTSC
 LIIN: 00N077573
 Product ID: 76 DIESEL 2 LS, 01614
 MFN: 01
 Responsible Party
 Cage: 5W523
 Name: UNION OIL COMPANY OF CALIFORNIA
 Address: 1201 W 5TH ST
 City: LOS ANGELES CA 90017
 Info Phone Number: 213-977-7589
 Emergency Phone Number: 800-424-9300 (CHEMTREC)
 Published: Y

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 Contractor Summary
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Cage: 79003
 Name: UNION OIL CO OF CA UNION 76 DIV- WESTERN REGION
 Address: 1201 W 5TH ST
 Box: 7600
 City: LOS ANGELES CA 90017-1443
 Phone: UNKNOWN
 Cage: 5W523
 Name: UNION OIL COMPANY OF CALIFORNIA
 Address: 1345 NORTH MEACHAM ROAD
 City: SCHAUMBURG IL 60196
 Phone: 800-438-2968

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 Ingredients
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Cas: 91-20-3
 RTECS #: QJ0525000
 Name: NAPHTHALENE (SARA 313) (CERCLA)
 % Wt: <0.5
 OSHA PEL: 10 PPM
 ACGIH TLV: 10 PPM; 15 STEL
 EPA Rpt Qty: 100 LBS
 DOT Rpt Qty: 100 LBS

 Cas: 8002-05-9
 RTECS #: SE7449000
 Name: PETROLEUM DISTILLATE
 Other REC Limits: 400 PPM (MFR)
 OSHA PEL: N/K (FP N)
 ACGIH TLV: N/K (FP N)

 Cas: 68476-34-6
 Name: PETROLEUM MID-DISTILLATE; (DIESEL FUEL NO 2)
 % Wt: >99.5
 OSHA PEL: N/K (FP N)
 ACGIH TLV: N/K (FP N)

 Name: SUPDAT: AREAS. IF CONTAINER IS NOT PROPERLY COOLED, IT MAY EXPLODE IN THE
 HEAT OF A FIRE.

Name: EFTS OF OVEREXP: LAB ANIMALS. IT HAS BEEN IDENTIFIED AS CARCIN BY IARC.
DIESEL #2 PRDCED LIMITED EVID OF KIDNEY

Name: ING 5: & LIVER DMG IN LAB ANIMALS. RELEVANCE OF THESE FINDINGS TO
HUMANS IS UNCERTAIN. NTP HAS IDENTIFIED

Name: ING 6: NAPHTHALENE AS HAVING "SOME EVIDENCE OF CARCINOGENIC ACTIVITY" IN
LAB ANIMALS.

Name: FIRST AID: IF SKIN SURF IS NOT DMGD CLEANSE AFFECTED AREA(S) THOROUGHLY
BY WASHING W/MILD SOAP & WATER & IF NEC,

Name: ING 8:WATERLESS SKIN CLEANSER. IF IRRIT/REDNESS DEVELOPS, SEEK IMMED MED
ATTN. INHAL:MOVE AWAY FROM EXPOS & INTO

Name: ING 9:FRESH AIR. IF SYMPS PERSIST, SEEK MED ATTN. IF NOT BRTHG IMMED
BEGIN ARTF RESP. IF BRTHG DFCLTY DEVELOPS,

Name: ING 10:OXYGEN SHOULD BE ADMIN BY QUALIFIED PERS. SEEK IMMED MED ATTN.
INGEST:ASPIR HAZ:DO NOT INDUCE VOMIT/GIVE

Name: ING 11:ANYTHING BY MOUTH; MATL CAN ENTER LUNGS & CAUSE SEV LUNG DMG.
IF DROWSY/UNCON, PLACE ON LEFT SIDE W/HEAD

Name: ING 12:DOWN. IF POSS DO NOT LEAVE UNATTENDED. SEEK MED ATTN. NOTE:IF
ALLERGIC RXN TO MATL DEVELOPS, AVOID FURTHER CNTCT.

Name: SPILL PROC:SPILLED MATL FROM ENTERING SEWERS/STORM DRAINS/OTHER UNAUTH
TREATMENT DRAINAGE SYS & NATRL WATERWAYS.

Name: ING 14: DIKE FAR AHEAD OF SPILL FOR LATER RECOVERY/DISP. ABSORB SPILLED
MATL W/APPROP ABSORB MATL. NOTIFY FIRE

Name: ING 15:AUTHS & APPROP FED, STATE & LOC AGENCIES. IMMED CLEANUP
RECD. IF ANY AMT OF SPILL MADE INTO US NAVIGABLE

Name: ING 16: WATERS, CONTIGUOUS ZONE OR ADJOINING SHORELINES, NOTIFY NRC AT
800-424-8802.

Name: OTHER PRECS: CODES). DO NOT ENTER CONFINED SPACES SUCH AS TANKS/PITS
W/OUT FOLLOWING PROPER ENTRY PROCS SUCH AS

Name: ING 18: ASTM D-4276. OUTDOOR/DETACHED STOR PREF. INDOOR STOR SHOULD MEET
OSHA STDS & APPROP FIRE CODES. USE OF

Name: ING 19:NIOSH APPRVD RESP PROT ADVISED WHEN CONCS EXCEED ANY ESTABLISHED
EXPOS LIMS. EMPTY CNTNRS RETAIN RESIDUE

Name: ING 20:(LIQ &/OR VAP) & CAN BE DANGEROUS. DO NOT
PRESSURIZE/CUT/WELD/BRAZE/SOLDER/DRILL/GRIND/EXPOSE TO HEAT,

Name: ING 21: FLAME, SPKS OR OTHER IGNIT SOURCES; MAY EXPLODE & CAUSE
INJURY/DEATH. COMPLETELY DRAIN, PROPERLY BUNG &

Name: ING 22:PROMPTLY SHIP TO SUPPLIER/DRUM RECONDITIONER EMPTY DRUMS. DISP OF
OTHER CNTNRS IN ENVIRONMENTALLY SAFE

Name: ING 23: I/A/W GOVT REGS. REFER TO OSHA REGS, ANSI Z49.1 & OTHER GOVT
& INDUS REFERENCES BEFORE WORKING ON/IN TANKS.

 Name: VENT: EXHST SYSTEMS MAY BE REQD. WHERE EXPLO MIXTURES MAY BE PRESENT,
 ELEC SYSTEMS SAFE FOR SUCH LOCATIONS MUST BE USED.
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Health Hazards Data
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LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYES:MAY CAUSE MILD IRRIT. DIRECT CNTCT W/LIQ OR EXPOS TO
 VAPS/MISTS MAY CAUSE STINGING, TEARING & REDNESS. SKIN CNTCT:SEV SKIN
 IRRITANT. DIRECT CNTCT/EXPOS TO VAPS/MISTS MAY CAUSE REDNESS, BURNING, D
 RYING & CRACKING & SEV SKIN DMG. RPTD CNTCT MAY CAUSE ALLERGIC SKIN
 RXN. NO HARMFUL EFTS SHOWN IN SKIN (EFTS OF OVEREXP)

Explanation Of Carcinogenicity: NOT RELEVANT

Signs And Symptions Of Overexposure: HLTH HAZ:ABSORPTION STUDIES. INHAL:BRTHG
 HIGH CONCS OF VAPS/MISTS MAY CAUSE NOSE & THROAT IRRIT. INGEST:MATL HAS
 LOW DEGREE OF TOX BUT INGEST OF EXCESS QTYS MAY CAUSE ASPIR HAZ-MATL CAN
 ENTER LUNGS DU RING SWALLOW/VOMIT & CAUSE LUNG INFLAM & DMG.

COMMENTS: DIESEL EXHST IS PROBABLE CANCER HAZ BASED ON TESTS IN

Medical Cond Aggravated By Exposure: PERSONS WITH PRE-EXISTING SKIN DISORDERS
 MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS MATERIAL.

First Aid: HAVE MD CALL LOS ANGELES POIS CTL CTR 800-356-3129. EYES:IF
 IRRIT/REDNESS DEVELOPS, MOVE AWAY FROM EXPOS & INTO FRESH AIR. FLUSH EYES
 W/CLEAN WATER FOR AT LST 15 MIN. IF SYMPS PERSIST, SEEK MED ATTN. SKIN:IMMED
 WIPE MATL FROM SKIN. REMOVE CONTAMD SHOES, CLTHG & CONSTRICTIVE JEWELRY
 & FLUSH AFFECTED AREA(S) W/LG AMTS OF WATER. IF SKIN SURF DMGD, APPLY
 CLEAN DRESSING & SEEK IMMED MED ATTN.

 Handling and Disposal
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Spill Release Procedures: COMBUST. KEEP ALL IGNIT SOURCES AWAY FROM SPILL/RELS.
 STAY UPWIND & AWAY FROM SPILL/RELS. ISOLATE HAZ AREA & LIM ENTRY TO
 AUTH PERS. STOP SPILL/RELS IF W/OUT RISK. WEAR APPROP PROT EQUIP INCL NIOSH
 AP PRVD RESP PROT AS CNDTNS WARRANT. PVNT

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: DISPOSE OF PRODUCT IN ACCORDANCE WITH LOCAL, COUNTY,
 STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions: KEEP CNTNR(S) TIGHTLY CLSD. USE & STORE
 MATL IN COOL, DRY, WELL VENTD AREAS AWAY FROM HEAT & ALL SOURCES OF
 IGNIT. POST AREA "NO SMKNG OR OPEN FLAME."

Other Precautions: BOND & GROUND ALL EQUIP WHEN TRANSFERRING FROM ONE
 VESSEL TO ANOTHER. STORE ONLY IN APPRVD CNTNRS. KEEP AWAY FROM INCOMPAT
 MATLS. PROTECT CNTNR(S) AGAINST PHYSICAL DMG. USE OF EXPLO-PROOF EQUIP IS REC
 D & MAY BE REQD (SEE APPROP FIRE

 Fire and Explosion Hazard Information
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Flash Point Method: PMCC

Flash Point Text: 125F,52C

Extinguishing Media: DRY CHEMICAL, CARBON DIOXIDE, HALON, FOAM OR WATER SPRAY
 IS RECOMMENDED.

Fire Fighting Procedures: NIOSH APPRVD SCBA & FULL PROT EQUIP (FP N). STOP
 SPILL/RELS IF W/OUT RISK. MOVE UNDMGD CNTNRS FROM FIRE AREA IF W/OUT RISK.
 WATER SPRAY MAY BE USEFUL IN(SUPDAT)

Unusual Fire/Explosion Hazard: MATL IS COMBUST & MAY BE IGNITED BY HEAT,

SPKS, FLAME/OTHER IGNIT SOURCES (EG STATIC ELEC, PILOT LIGHTS, MECH/ELEC EQUIP). VAPS MAY TRAVEL CONSIDERABLE(SUPDAT)

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Control Measures
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Respiratory Protection: THE USE OF RESPIRATORY PROTECTION IS ADVISED WHEN CONCS EXCEED THE ESTABLISHED EXPOSURE LIMITS. DEPENDING ON THE AIRBORNE CONC USE A NIOSH APPROVED RESPIRATOR OR GAS MASK W/APPROPRIATE CARTRIDGES & CANNISTERS OR SUPPLIED AIR EQUIPMENT.

Ventilation: IF CURRENT VENT PRACTICES ARE NOT ADEQ TO MAINTAIN AIRBORNE CONCS BELOW ESTABLISHED EXPOS LIMS, ADDNL VENT OR

Protective Gloves: IMPERMEABLE GLOVES.

Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES (FP N).

Other Protective Equipment: ANSI APPRVD EYE WASH & DELUGE SHOWER(FPN).

THOROUGHLY CLEAN SHOES & WASH CONTAMD CLTHG BEFORE REUSE. IMPERVIOUS APRON.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING. DO NOT WEAR CONTAMINATED CLOTHING OR SHOES. USE GOOD PERSONAL HYGIENE PRACTICE.

Supplemental Safety and Health: FIRE FIGHT PROC: MINIMIZING/DISPERSING VAPS & COOLING EQUIP EXPOS TO HEAT & FLAME. AVOID SPREADING BURNING LIQ W/WATER USED FOR COOLING PURPOSES. EXPLO HAZ: DISTO TO IGNIT SOURCE WHERE THEY MAY IGNITE , FLASHBACK OR EXPLODE. VAP/AIR EXPLO HAZ INDOORS/OUTDOORS OR IN SEWERS. VAPS ARE HVR/AIR & MAY ACCUM IN LOW

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Physical/Chemical Properties
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B.P. Text: >490F,>254C

Vapor Density: >1

Spec Gravity: 0.82-0.88

Solubility in Water: NEGLIGIBLE

Appearance and Odor: CLEAR TO YELLOW LIQUID; CHARACTERISTIC PETROLEUM ODOR.

Percent Volatiles by Volume: 100

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: AVOID CONTACT WITH ANY SOURCE OF HEAT OR FLAME.

Materials To Avoid: AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products: COMBUSTION MAY YIELD MAJOR AMOUNTS OF OXIDES OF CARBON AND MINOR AMOUNTS OF OXIDES OF SULFUR AND NITROGEN.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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HAZCOM Label
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Product ID: 76 DIESEL 2 LS, 01614

Cage: 5W523
Company Name: UNION OIL COMPANY OF CALIFORNIA
Street: 1345 NORTH MEACHAM ROAD
City: SCHAUMBURG IL
Zipcode: 60196
Health Emergency Phone: 800-424-9300 (CHEMTREC)
Label Required IND: Y
Date Of Label Review: 05/13/1997
Status Code: C
Label Date: 05/13/1997
Origination Code: G
Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: WARNING
Respiratory Protection IND: YES
Health Hazard: Moderate
Contact Hazard: Moderate
Fire Hazard: Moderate
Reactivity Hazard: None

Hazard And Precautions: COMBUSTIBLE. ACUTE: EYES: IRRITATION, STINGING, TEARING AND REDNESS. SKIN: REDNESS, BURNING, DRYING, CRACKING AND SEVERE SKIN DAMAGE. INHALATION: IRRITATION OF THE NOSE AND THROAT. INGESTION: ASPIRATION OF MATERIAL INTO LUNGS DURING SWALLOWING OR VOMITING CAN CAUSE LUNG INFLAMMATION AND DAMAGE. CHRONIC: ALLERGIC SKIN REACTION. KIDNEY AND LIVER DAMAGE IN LAB ANIMALS.

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