

UNION OIL CO OF CALIFORNIA UNOCAL CHEMICALS DIV -- UNOCAL DIESEL #2 -- 9140-00-286-5294

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

Product ID:UNOCAL DIESEL #2

MSDS Date:05/09/1990

FSC:9140

NIIN:00-286-5294

MSDS Number: BPJBH

=== Responsible Party ===

Company Name:UNION OIL CO OF CALIFORNIA UNOCAL CHEMICALS DIV

Address:1201 W 5TH ST

Box:60455

City:LOS ANGELES

State:CA

ZIP:90060

Country:US

Info Phone Num:8

00-356-3129

Emergency Phone Num:800-424-9300 (CHEMTREC)

CAGE:23034

=== Contractor Identification ===

Company Name:76 PRODUCTS CO

Address:1201 W 5TH ST

Box:City:LOS ANGELES

State:CA

ZIP:90017

Country:US

Phone:213-977-7589

CAGE:23034

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

Ingred Name:DIESEL OIL NO. 2, (PETROLEUM MID-DISTILLATE)

CAS:68476-34-6

Fraction by Wt: >98%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:5 MG/M3 OIL MIST9192

Ingred Name

:DIPHENYL (BIPHENYL) (SARA III)  
CAS:92-52-4  
RTECS #:DU8050000  
Fraction by Wt: 0.0-1.0%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:0.2 PPM  
ACGIH TLV:0.2 PPM; 91923  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:NAPHTHALENE (SARA III)  
CAS:91-20-3  
RTECS #:QJ0525000  
Fraction by Wt: 0.0-1.0%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:10 PPM/15 STEL  
ACGIH TLV:10 PPM/15 STEL; 9293  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

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

Routes of Entr

y: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: IRRITATION, STINGING, TEARING,  
REDNESS. SKIN: IRRITATION, REDNESS, BURNING, DRYING, CRACKING.  
INHALATION: LOW DEGREE OF TOXICITY. MAY CAUSE IRRITATION OF NOSE,  
THROAT AND SIGNS OF NERVOUS SYSTEM DEPRESSION. INGESTION: LOW  
DEGREE OF TOXICITY. MAY CAUSE IRRITATION OF GI TRACT AND SIGNS OF  
NERVOUS SYSTEM DEPRESSION.

Explanation of Carcinogenicity

:DIESEL EXHAUST MAY BE A PROBABLE HUMAN  
CANCER HAZARD, BUT IT HAS NOT BEEN IDENTIFIED BY ANY OF THE ABOVE  
AGENCIES YET.

Effects of Overexposure:EYES: IRRITATION, STINGING, TEARING, REDNESS.  
SKIN: IRRITATION, REDNESS, BURNING, DRYING, CRACKING. INHALATION:  
NOSE AND THROAT IRRITATION, HEADACHE, DROWSINESS, DIZZINESS, LOSS  
OF COORDINATION, FATIG UE. INGESTION: GI TRACT IRRITAION, HEADACHE,  
DROWSINESS, DIZZINESS, LOSS OF COORDINATION, FATIGUE.

Medical Cond Aggravated by Expos

ure:PERSONS WITH PRE-EXISTING SKIN  
DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS MATERIAL.

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

First Aid:EYE: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH AREA WITH LARGE AMOUNTS OF WATER. IF SKIN DAMAGED, GET MEDICAL ATTENTION . INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING GIVE CPR. IF BREATHING DIFFICULT GIVE OXYGEN. GET MEDICAL ATTENTION.  
INGESTION: DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH. GET MEDICAL ATTENTION.

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

Flash Point Method:PMCC  
Flash Point:140F,60C  
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, HALON, FOAM, OR WATER SPRAY IS RECOMMENDED.  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT. WATER SPRAY MAY BE USEFUL IN DISPERSING VAPORS AND COOLING EQUIPMENT. AVOID SPREADING BURNING LIQUID WITH WATER.  
Unusual Fire/Explosion Hazard:MATL.IS COMBUSTIBLE. VAPORS MAY TRAVEL CONSIDERABLE DISTANCES TO IGNITION SOURCE AND FLASHBACK OR EXPLODE.VAPOR/AIR EXPLOSION HAZARD INDOORS/OUTDOORS,IN SEWERS.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. WEAR PROTECTIVE CLOTHING. PREVENT SPILL FROM ENTERING SEWERS, STORM DRAINS, AND NATURAL WATERWAYS. DIKE SPILL FOR RECOVERY OR DISPOSAL. ABSORB RES  
IDUE WITH APPROPRIA TE ABSORBENT MATERIAL.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED. USE AND STORE IN COOL, DRY, WELL VENTILATED AREAS AWAY FROM HEAT AND ALL SOURCES OF IGNITIONS. POST AREA "NO SMOKING".  
Other Precautions:BOND AND GROUND ALL EQUIPMENT WHEN TRANSFERRING FROM ONE VESSEL TO ANOTHER. STORE ONLY IN APPROVED CONTAINERS. KEEP AWAY

FROM ANY INCOMPATIBLE MATERIALS. PROTECT CONTAINERS FROM PHYSICAL DAMAGE. USE EXPLOSION-PROOF EQUIPMENT.

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

Respiratory Protection:DEPENDING ON THE AIRBORNE CONCENTRATION, USE A RESPIRATOR OR GAS MASK WITH APPROPRIATE CARTRIDGES AND CANNISTERS OR SUPPLIED AIR EQUIPMENT.

Ventilation:USE ADEQUATE VENTILATION TO KEEP BELOW TLV. USE ELECTRICAL SYSTEMS SAFE FOR EXPLOSIVE MIXTURES.

Protective Gloves:IMPERMEABLE GLOVES.

Eye Protection:SAFETY GOGGLES.

Other Protective Equipment:PROVIDE AN EYEWASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

"EMPTY" CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE.

"EMPTY" DRUMS SHOULD BE COMPLETELY DRAINED,PROPERLY BUNGED AND PROMPTLY SHIPPED TO SUPPLIER OR RECONDITIONER.

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

HCC:F4

Boiling Pt:B.P. Text:490F,254C

Vapor Density:>1 AIR=1

Spec Gravity:0.85

Evaporation Rate & Reference: