

UNION OIL CO OF CALIFORNIA UNOCAL CHEMICALS DIV -- UNOCAL 76 UNLEADED GASOLINE --
9130-00-149-1594

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

Product ID:UNOCAL 76 UNLEADED GASOLINE

MSDS Date:04/14/1989

FSC:9130

NIIN:00-149-1594

MSDS Number: BMDML

=== 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:800-356-3129

Emergency Phone Num:202-483-761

6/800-424-9300(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:GASOLINE

CAS:8006-61-9

RTECS #:LX3300000

Other REC Limits:NONE SPECIFIED

OSHA PEL:300 PPM/500 STEL

ACGIH TLV:300 PPM/500STEL;9192

Ingred Name:BENZENE (SARA III)

CAS:71-43-2

RTECS #:CY1400000

Fraction by Wt: 1.0-5.0

%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1PPM/5STEL;1910.1028
ACGIH TLV:10 PPM; A2; 9192
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 1.0-5.0%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 1.0-9.0%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/15
0 STEL
ACGIH TLV:100 PPM/150STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:HEXANE (N-HEXANE)
CAS:110-54-3
RTECS #:MN9275000
Fraction by Wt: 1.0- 14%
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:ETHYL BENZENE (SARA III)
CAS:100-41-4
RTECS #:DA0700000
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/125 STEL
ACGIH TLV:100 PPM/125STEL 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:METHYL TERT-B

UTYL ETHER (SARA III)
CAS:1634-04-4
RTECS #:KN5250000
Other REC Limits:NONE SPECIFIED
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:1,2,4-TRIMETHYLBENZENE (SARA III)
CAS:95-63-6
RTECS #:DC3325000
Other REC Limits:NONE SPECIFIED
OSHA PEL:25 PPM
ACGIH TLV:25 PPM; 9192

Ingred Name:TRADE SECRET
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YE
S OSHA:YES

Health Hazards Acute and Chronic:ACUTE-INHALE:MISTS/VAPORS MAY CAUSE
FLUSHING,NAUSEA,CNS DEPRESSION(E.G.HEADACHE,DIZZINESS,FATIGUE).HIGH
CONCN. MAY CAUSE NARCOSIS,UNCONSCIOUSNESS,COLLAPSE &
DEATH.EYE:IRRITATION,TEARING,STINGING,BLURR ED
VISION.SKIN:IRRITATION,DRYING,CRACKING.ORAL:ASPIRATION HAZARD.MAY
CAUSE CNS DEPRESSION.CHRONIC:DERMATITIS.

Explanation of Carcinogenicity:CONTAINS BENZENE.

Effects of Overexposure:MISTS OR VAPORS MAY CAUSE FLUSHING, NAUSEA, CNS

DEPRESSION (E.G. HEADACHE, DIZZINESS, FATIGUE). HIGH CONCENTRATIONS
MAY CAUSE NARCOSIS, UNCONSCIOUSNESS, COLLAPSE & DEATH. CAN CAUSE
EYE IRRITATION, TEA RING, STINGING, BLURRED VISION. CAN CAUSE SKIN
IRRITATION, DRYING, CRACKING. ORAL: ASPIRATION HAZARD & CNS
EFFECTS.

Medical Cond Aggravated by Exposure:PERSONS WITH A SKIN DISORDER SHOULD
USE CAUTION WHEN HANDLING OR USING THIS PRODUCT.

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

First Aid:GET MED

ICAL ATTENTION IF SYMPTOMS PERSIST.SKIN:WASH WITH SOAP
& WATER.EYE:FLUSH WITH WATER FOR 15 MINUTES,HOLDING EYELIDS
OPEN.INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF
NEEDED.ORAL:DO NOT IN DUCE VOMITING.IF VICTIM IS
DROWSY/UNCONSCIOUS,PLACE ON THE LEFT SIDE WITH THE HEAD DOWN.CALL
PHYSICIAN.

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

Flash Point Method:TCC

Flash Point:-45F,-43C

Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. WAT
ER

MAY BE INEFFECTIVE BUT SHOULD BE USED TO COOL FIRE-EXPOSED
CONTAINERS.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL
FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL
CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.
CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

===== Accidental Release Measur
es =====

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT.ELIMINATE SOURCES OF
IGNITION.VENTILATE THE AREA.STOP LEAK IF POSSIBLE.CONTAIN THE
SPILL.PICK UP LARGE SPILL WITH NON-SPARKING TOOLS;SMALL SPILLS WITH
ABSORBENT MATERIAL.DO N OT LET LIQUID FROM ENTERING
SEWERS/STORMDRAINS.

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

Handling and Storage Precautions:STORAGE-OUTDOOR/DETACHED STORAGE IS
PREFERRED.INDOOR STORAGE SHOULD BE IN A STA
NDARD FLAMMABLE LIQUID
STORAGE ROOM.

Other Precautions:STORE IN APPROVED CONTAINERS.KEEP CONTAINERS TIGHTLY
CLOSED AWAY FROM SUNLIGHT & SOURCES OF IGNITION.BOND & GROUND ALL
EQUIPMENTS WHEN TRANSFERRING FROM ONE VESSEL TO ANOTHER.AVOID
BREATHING VAPORS.DO NOT GET IN EYE,ON SKIN OR CLOTHING.

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

Respiratory Protection:WEAR NIOSH-APPROVED SELF-CONTAINED BREATHING
APPARATUS OPERATED IN POSITIVE PRESSURE MODE OR S

UPPLIED-AIR

RESPIRATOR WITH FULL FACEPIECE AND OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE .

Ventilation:LOCAL AND MECHANICAL EXHAUST RECOMMENDED (EXPLOSION PROOF).

Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL

Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD

Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND IMPERVIOUS CLOTHING

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING.

Supplemental S

afety 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.THEY MAY EXPLODE AND CAUSE INJURY/DEATH.AVOID REPEATED OR PROLONGED CONTACT WITH SKIN.

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

HCC:F1

Boiling Pt:=29.4C, 85.F

Vapor Density:>1

Spec Gravity:0.75

Viscosity:N/K *

Evaporation Rate & Reference: