

UNION OIL CO OF CALIFORNIA UNOCAL CHEMICALS DIV -- UNOCAL 76 UNLEADED
GASOLINE -- 9130-00-148-7103

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

Product ID:UNOCAL 76 UNLEADED GASOLINE

MSDS Date:05/04/1990

FSC:9130

NIIN:00-148-7103

MSDS Number: BPPKG

=== 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:202-483-7616/800-424-9300 (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

Ingrid 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/150 STEL
 ACGIH TLV:100 PPM/150STEL;9192
 EPA Rpt Qty:1000 LBS
 DOT Rpt Qty:1000 LBS

Ingrid 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

Ingrid Name:ETHYL BENZENE (SARA III)
 CAS:100-41-4
 RTECS #:DA0700000
 Fraction by Wt: 1-5%
 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

Ingrid Name:METHYL TERT-BUTYL ETHER (SARA III)
 CAS:1634-04-4
 RTECS #:KN5250000
 Fraction by Wt: 0-10%
 Other REC Limits:NONE SPECIFIED
 EPA Rpt Qty:1 LB
 DOT Rpt Qty:1 LB

Ingrid Name:1,2,4-TRIMETHYLBENZENE (SARA III)
 CAS:95-63-6
 RTECS #:DC3325000
 Fraction by Wt: 1-5%
 Other REC Limits:NONE SPECIFIED
 OSHA PEL:25 PPM
 ACGIH TLV:25 PPM; 9192

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 ===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
 Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
 Health Hazards Acute and Chronic:ACUTE-INHALE:MISTS/VAPORS MAY CAUSE
 FLUSHING, NAUSEA, CNS DEPRESSION (E.G. HEADACHE, DIZZINESS, FATIGUE). HIGH
 CONC. MAY CAUSE NARCOSIS, UNCONSCIOUSNESS, COLLAPSE &
 DEATH. EYE: IRRITATION, TEARING, STINGING, BLUR RED
 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 MEDICAL 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 INDUCE 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. WATER 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 Measures**=====

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 NOT 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 STANDARD 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 SUPPLIED-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 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.THEY MAY EXPLODE AND CAUSE INJURY/DEATH.AVOID REPEATED OR PROLONGED CONTACT WITH SKIN.

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

HCC:F1
Boiling Pt:B.P. Text:85.0F,29.4C
Vapor Density:>1
Spec Gravity:0.75
Evaporation Rate & Reference:<1 (BU AC=1)
Solubility in Water:NEGLIGIBLE
Appearance and Odor:CLEAR LIQUID - GASOLINE ODOR
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS SUCH AS CHLORINE, PERMANGANATE AND DICHROMATES
Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES, SPARKS, STATIC ELECTRICITY, HOT SURFACES & OTHER SOURCES OF IGNITION
Hazardous Decomposition Products:SIGNIFICANT AMOUNT OF CARBON MONOXIDE AND SMALL AMOUNT OF OXIDES OF SULFUR AND NITROGEN, BENZENE AND OTHER ORGANIC CMPD.

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

Waste Disposal Methods:WASTE MAY BE BURNED IN AN APPROVED INCINERATOR OR DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS.

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