

UNION OIL CO OF CALIFORNIA UNOCAL CHEMICALS DIV -- 76 UNLEADED SUPER GASOLINE 92 --
9130-00-148-7104

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

Product ID:76 UNLEADED SUPER GASOLINE 92

MSDS Date:04/14/1989

FSC:9130

NIIN:00-148-7104

MSDS Number: BLLTG

=== 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:213-977-7589

Emergency Phone Num:202-483

-7616(COLLECT),800-424-9300

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:300 PPM

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: 1-5.0%

Othe

r 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: 1-9.0%
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: 1-14.0%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/150 STEL
AC
GIH 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
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
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

Ingred 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

Ingred Name:1,2,4-TRIMETHYLBENZENE (PSEUDOCUMENE)
CAS:95-63-6
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:ACUTE-INHALATION:CENTRAL NERVOUS

SYSTEM DEPRESSION, HEADACHE, NAUSEA, DIZZINESS, FATIGUE, NARCOSIS,
UNCONSCIOUSNESS, ASPHYXIATION. EYE:IRRITATION. SKIN:DEFATTING,
IRRITATION/DERMATITIS. INGESTION:HARM FUL OR FATAL. GI
DISTURBANCES, NAUSEA, VOMITING. CHRONIC: DERMATITIS, PNEUMONITIS,
PULMONARY EDEMA, AND KIDNEY DAMAGE.

Explanation of Carcinogenicity:BENZENE IS LISTED AS A CARCINOGEN BY
NTP, IARC, OSHA AND EPA.

Effects of Overexposure:OVEREXPOSURE MAY LEAD TO RESPIRATORY
IRRITATION, NAUSEA, FATIGUE, DIZZ
INESS, HEADACHES, UNCONSCIOUSNESS,
ASPHYXIATION AND EYE IRRITATION.

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

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.
GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE TO
FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION.
EYE : IMMEDIA

TELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING
EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: GET IMMEDIATE
MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF
UNCONSCIOUS.

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

Flash Point Method:TCC
Flash Point:-45F,-43C
Lower Limits:1.3%
Upper Limits:6.0%
Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL. USE
WATER FOG TO COOL SRROUNDING CONTAINERS.
Fire Fighting Procedures:WEAR FIRE

FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.
Unusual Fire/Explosion Hazard:VAPORS HEAVIER THAN AIR AND MAY TRAVEL A
CONSIDERABLE DISTANCE TO SOURCE OF IGNITION AND FLASH BACK.

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

Spill Release Procedures:MINOR: ABSORB MATERIAL WITH CLAY, VERMICULITE,
OR SIMILAR ABSORBENT MATERIAL. PLACE IN DISPOSAL CONTAINERS. MAJOR
:
DIKE & CONTAIN SPILL. ELIMINATE SOURCES OF IGNITION. SHUT OFF
LEAKS. REMOVE LIQUID BY VACUUM OR ABSORBENT.

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

Handling and Storage Precautions:STORE IN A COOL, VENTILATED WORK AREA.
KEEP CONTAINERS CLOSED WHEN NOT IN USE. FLAMMABLE LIQUID; EMPTY
CONTAINERS CAN BE HAZARDOUS.
Other Precautions:THE SELECTION OF PERSONAL PROTECTIVE EQUIPMENT SHOULD
BE MADE BY THE MATERIAL USER BASED ON THE PARTICULAR CONDITIONS

WHERE THE MATERIAL IS TO BE USED TOGETHER WITH INFORMATION
CONTAINED IN THIS MSDS.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR. AIR-SUPPLIED
OR FILTERING TYPE WITH ORGANIC VAPOR CARTRIDGES ARE RECOMMENDED.
Ventilation:LOCAL AND MECHANICAL EXHAUST RECOMMENDED. AVOID OPEN
ELECTRICAL SOURCES NEAR PRODUCT VAPOR AREAS.
Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL
Eye Protection:USE CHEMICAL SAFETY GOGGLES & FACESHIELD
Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.
Work Hygienic Practices:DO NOT TAKE INTERNALLY. AVOID SKIN CONTACT.
WASH SKIN AFTER USING PRODUCT. DO NOT EAT, DRINK OR SMOKE IN WORK
AREA.
Supplemental Safety and Health
NONE

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

HCC:F2
Boiling Pt:B.P. Text:85.0F,29.4C
Vapor Pres:9-15 PSI
Vapor Density:>1
Spec Gravity:0.75
Evaporation Rate & Reference: