

UNION OIL CO OF CALIFORNIA UNOCAL CHEMICALS DIV -- UNOCAL SUPER MOTOR OIL 10W/40 --
9150-01-024-6470

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

Product ID:UNOCAL SUPER MOTOR OIL 10W/40

MSDS Date:05/25/1991

FSC:9150

NIIN:01-024-6470

MSDS Number: BMTQF

=== 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

C

Country:US

Info Phone Num:213-977-7589

Emergency Phone Num:202-483-7616 (CALL COLLECT)

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:MINERAL OIL (EXPOSURE REGULATED AS 'OIL MIST')

CAS:8012-95-1

RTECS #:PY8030000

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3/10 STEL;9

Ingred Name:ZINC COMPOUNDS
Fraction by Wt: 1-2%
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: IRRITANT. SKIN: MAY CAUSE MILD
SKIN IRRITATION. INHALATION: MAY CAUSE IRRITATION OF THE NOSE,
THROAT AND RESPIRATORY TRACT. INGESTION: NO HARMFUL EFFECTS ARE
EXPECTED FROM INGESTION
OF THIS M ATERIAL. HOWEVER, INGESTION OF
EXCESSIVE QUANTITIES MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT.
Effects of Overexposure:EYES: DIRECT CONTACT WITH THE LIQUID OR
EXPOSURE TO MISTS MAY CAUSE STINGING, TEARING, REDNESS AND
SWELLING. SKIN: PROLONGED OR REPEATED CONTACT OR EXPOSURE TO MISTS
MAY CAUSE REDNESS, BURNING, AND D RYING AND CRACKING OF THE SKIN.
INHALAION: IRRITATION. INGESTION: MAY CAUSE IRRITATION.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MAN
UFACTURER.

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

First Aid:INHALATION: MOVE VICTIM AWAY FROM EXPOSURE AND INTO FRESH
AIR. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION. EYES: FLUSH WITH
CLEAN WATER AND SEEK MEDICAL ATTENTION. SKIN: WIPE MATERIAL FROM
SKIN AND REMOVE CONTAMINATED CLOTHING AND SHOES. CLEANSE AFFECTED
AREA WITH MILD SOAP AND WATER. INGESTION: NO FIRST AID IS NORMALLY
REQUIRED; HOWEVER, IF SWALLOWED, AND SYMPTOMS DEVELOP, SEEK M
EDICAL
CARE.

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

Flash Point Method:COC
Flash Point:403F,206C
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, HALON, FOAM OR WATER
SPRAY IS RECOMMENDED.
Fire Fighting Procedures:THIS MATERIAL MAY BURN, BUT WILL NOT IGNITE
READILY. IF CONTAINER IS NOT PROPERLY COOLED, IT MAY EXPLODE IN THE
HEAT OF A FIRE. VAPORS ARE HEAVIER THAN AIR.
Unusual Fire/Explosion Hazard:WEAR APPROPRIATE PROTECTIVE EQUIPMENT
INCLUDIN

G RESPIRATORY PROTECTION AS CONDITIONS WARRANT. STOP SPILL/RELEASE IF IT CAN BE DONE WITHOUT RISK.

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

Spill Release Procedures:KEEP ALL SOURCES OF IGNITION AWAY FROM SPILL/RELEASE. STAY UPWIND AND AWAY FROM SPILL/RELEASE. WEAR APPROPRIATE PROTECTIVE EQUIPMENT. DIKE SPILL FOR LATER RECOVERY. SPILLED MATERIAL MAY BE ABSORBED IN TO AN APPROPRIATE ABSORBENT MATERIAL.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:USE AND STORE THIS MATERIAL IN COOL, DRY, WELL-VENTILATED AREAS AWAY FROM HEAT AND ALL SOURCES OF IGNITION. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions:NONE

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

Respiratory Protection:RESPIRATORY PROTECTION IS ADVISED WHEN CONCENTRATIONS EXCEED THE ESTABLISHED EXPOSURE LIMITS.

Ventilation:LOCAL EXHAUST VENTILATION.

Protective

Gloves:CHEMICAL RESISTANT GLOVES.

Eye Protection:AS REQUIRED

Other Protective Equipment:NONE

Work Hygienic Practices:WASH HANDS AFTER HANDLING THIS MATERIAL.

Supplemental Safety and Health

NONE

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

HCC:V6

Boiling Pt:B.P. Text:>520F,>271C

Vapor Density:>1

Spec Gravity:0.88

Viscosity:84 CST @ 15C

Evaporation Rate & Reference: