

UNOCAL CHEMICALS DIV,UNION OIL CO OF CALIFORNIA -- BLEND 4504;PRODUCT CODE#4504 --
6850-00-810-1762

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

Product ID:BLEND 4504;PRODUCT CODE#4504

MSDS Date:02/24/1983

FSC:6850

NIIN:00-810-1762

MSDS Number: BFQHQ

=== Responsible Party ===

Company Name:UNOCAL CHEMICALS DIV,UNION OIL CO OF CALIFORNIA

Address:1345 N MEACHAM RD

City:SCHAUMBURG

State:IL

ZIP:60195

Country:US

Info Phone Num:312-490-2500

Emergency Phone Num:(312)490-2500

Preparer's Name:V. HORNE

CAGE:5W323

=== Contractor Identification ===

Company Name:UNOCAL CHEMICALS DIV UNION OIL CO OF CALIFORNIA

Address:1345 N MEACHAM RD

Box:City:SCHAUMBURG

State:IL

ZIP:60195

Country:US

Phone:800-967-7601

CAGE:5W323

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

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 10.0%

OSHA PEL:400 PPM/500 STEL

ACGIH TLV

:400 PPM/500STEL;9192

Ingred Name:METHYLENE CHLORIDE (SARA III)

CAS:75-09-2

RTECS #:PA8050000

Fraction by Wt: 90%

OSHA PEL:500 PPM/C,1000; Z2

ACGIH TLV:50 PPM, A2; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Explanation of Carcinogenicity:CARCINOGENIC EFFECTS OF METHYLENE CHLORIDE ARE STILL UNDER DISPUTE.

Effects of Overexposure:EYE:IRRITANT TO EYES.SKIN:IRRITATION AND LATER

DERMATITIS.SYSTEMIC EFFECTS:RESPIRATORY TRACT IRRITATION;ANESTHESIA IN HIGH CONCENTRATIONS;ABSORPTION THROUGH THE INTACT SKIN;LIVER AND KIDNEY DAMAGE IN SOME LAB ANIMALS.CARBON MONOXIDE FORMATION IN THE BODY.

Medical Cond Aggravated by Exposure:LIVER AND KIDNEY DAMAGE.

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

First Aid:INHALE:REMOVE TO FRESH AIR, GIVE CPR/O*2 IF

NEED;EYES/SKIN:FLUSH W LG AMTS H*2O FOR 15 MIN;INGEST:RINSE MOUTH;

GET MEDICAL ATTENTION FOR EYES, BREATHING DIFFICULTY, OR OTHER SYMPTOMS OF OVEREXPOSURE.

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

Flash Point:NONE TO BOILING

Extinguishing Media:FOAM,CO*2,DRY CHEMICALS.

Fire Fighting Procedures:USE WATER FOR COOLING; WEAR NIOSH APPROVED SCBA IN CONFINED

Unusual Fire/Explosion Hazard:BLEND CONTAINING CHLORINATED PRODUCTS MAY EXHIBIT REDUCED FLASH POINT AS THE MORE VOLATILE CH.EVAPOR

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===== Accidental Release

Measures =====

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;USE SUITABLE
INERT ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL

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

Handling and Storage Precautions:STORE IN COOL,DRY AND WELL VENTILATED
AREA.AVOID HEAT,OPEN FLAMES;KEEP CONTAINER CLOSED WHEN NOT IN USE.
Other Precautions:AVOID CONTACT WITH SKIN & EYES;DO NOT BREATHE
VAPORS;WASH THOROUGHLY AFTER EACH USE.

===== Expo
sure Controls/Personal Protection =====

Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.
Protective Gloves:IMPERVIOUS
Eye Protection:GOGGLES/FACE SHIELD
Other Protective Equipment:FULL WORK CLOTHING TO PREVENT REPEATED OR
PROLONGED CONTACT.
Supplemental Safety and Health
MSDS DATED:02/24/83:

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

HCC:T5
Boiling Pt:B.P. Text:104-180F
Vapor Density:>1.0
Spec Gravity:1.27
Evaporation Rate & Reference: