

UNOCAL CHEMICALS DIVISION UNION OIL CO. OF CALIF -- THINNER 26585 -- 6850-00-209-7947

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Product Identification
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Product ID:THINNER 26585

MSDS Date:03/24/1987

FSC:6850

NIIN:00-209-7947

MSDS Number: BKJGY

=== Responsible Party ===

Company Name:UNOCAL CHEMICALS DIVISION UNION OIL CO. OF CALIF

Address:1345 N. MEACHAM

City:SCHAUMBURG

State:IL

ZIP:60196

Country:US

Info Phone Num:312-490-2500

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mergency Phone Num:213-664-2121

CAGE:94684

=== Contractor Identification ===

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

Address:1345 N MEACHAM

Box:City:SCHAUMBURG

State:IL

ZIP:60196

Phone:312-490-2500/800-424-9300(CHEMTREC)

CAGE:94684

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Composition/Information on Ingredients
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Ingred Name:REGULAR MINERAL SPIRITS (STODDARD SOLVENT)

CAS:64741-41-9

Other REC Limits:NONE SPECIFIED

OSHA PEL:500 PPM

ACGIH TLV:100 PPM

Ingred Name:PERCHLOROETHYLENE (TETRACHLOROETHYLENE) (SARA III)

CAS:127-18-4

RTECS #:KX3850000

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM

ACGIH TLV:25PPM/100,A3 STEL;94

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:METHYLENE CHLORIDE (SARA III)

CAS:75-09-2

RTECS #:PA8050000

Other REC Limits:UNOCAL:50 PPM(TWA)

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
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tion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:SOLVENTS CAUSE PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE.INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING & INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.THIS PRODUCT FORMS CARBON MONOXIDE IN THE BODY & MAY INTERFERE WITH NORMAL BLOOD FUNCTIONS.A COMPONENT OF THIS PRODUCT HAS BEEN ASSOCIATED W/MUTAGENICITY IN LAB TEST.

Explanation of Carcinogenicity:METHYLENE CHLORIDE IS A POSSIBLE HUMAN

CANCER HAZARD BASED ON TESTS W/LAB ANIMALS.

Effects of Overexposure:EYES:IRRIT,BURNING,TEARING & REDNESS.SKIN:IRRIT,REDNESS,BURNING,DRYING & CRACKING OF THE SKIN & DERMATITIS.INHALATION:IRRIT OF NOSE,THROAT,SIGNS OF NERVOUS SYSTEM DEPRESSION,DROWSINESS,DIZZINESS,LOSS OF COORDINATION & FATIGUE,LIVER & KIDNEY DAMAGE.INGESTION:IRRIT OF THE DIGESTIVE TRACT.

Medical Cond Aggravated by Exposure:PERSONS W/PRE-EXISTING SKIN DISORDERS.RESPIRATORY SYMPTOMS ASSOCIATED WITH PRE-EXISTING LUNG DISORDERS(IMPAIRED LUNG FUNCTIONS OR ASTHMA LIKE CONDITION),PRE-EXISTING KIDNEY,HEART AND LIVER DISORDERS.

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

First Aid:EYE:MOVE FROM EXPOSURE.IF IRRIT OR REDNESS PERSISTS,SEEK MED ATTN.FOR DIRECT CONTACT,FLUSH W/CLEAN WATER.SEEK MED ATTN.SKIN:REMOVE CONTAMINATED CLOTHING.CLEANSE AFFECTED AREA THOROUGHLY BY WASHING W/MILD SOAP AND WATER.IF IRRIT,REDNESS DEVELOPS AND PERSISTS,SEEK MED ATTN.INHALATION:MOVE FROM FRESH AIR.SEEK MED ATTN.IF NOT BREATHING,GIVE ART RSPRTN.IF BREATHING STOPPED,GIVE OXYGEN.GET MED ATTN*

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

Flash Point:NONE

Extinguishing Media:EXTINGUISH WITH DRY CHEMICAL. CO2 OR FOAM. WATER MAY BE AN INEFFECTIVE EXTINGUISHING AGENT.

Fire Fighting Procedures:THE USE OF SCBA IS RECOMMENDED FOR FIRE FIGHTERS. WATER SPRAY MAY BE USEFUL IN MINIMIZING VAPORS AND COOLING PURPOSES.

Un

usual Fire/Explosion Hazard:NOTICE:UPON EVAPORATION DURING NORMAL USE, THIS MIXTURE MAY BECOME COMBUSTIBLE OR FLAMMABLE.

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

Spill Release Procedures:STAY UPWIND.KEEP SOURCES OF IGNIT/HOT METAL SURFACES AWAY.IF SPILL IS INDOORS,VENT AREA.USE HIGH EXPANSION FOAM TO SURPRESS VAPORS.KEEP OUT OF DRAINS,SEWERS,WATERWAYS.USE SAND/OTHER INERT/MAT'L TO DAM SPILL.DO NOT FLUSH W/WATER;USE ABSORBANT PADS.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED.KEEP CONTAINERS COOL,DRY AND AWAY FROM SOURCES OF IGNIT.USE AND STORE W/ADEQUATE VENTILATION.AVOID INHALATION OF VAPORS.

Other Precautions:EMPTY CNTNRS RETAIN RESIDUE.DO NOT PRESSURIZE,CUT,WELD,BRAZE,SOLDER,ETC/EXPOSE TO HEAT,FLAME,SPARKS/OTHER SOURCES OF IGNIT MAY EXPLODE/CAUSE INJURY/DEATH.EMPTY DRUMS SHOULD BE COMPLETELY DRAINED,BUNGED /SHIPPED TO SUPPLIER/RECONDITIONER.

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

Respiratory Protection:IF AIRBORNE CONCENTRATIONS EXCEED ESTABLISHED EXPOSURE LIMITS, USE A SUPPLIED AIR RESPIRATOR. DO NOT USE A CHEMICAL CARTRIDGE RESPIRATOR.

Ventilation:IF CURRENT PRACTICES ARE NOT ADEQUATE TO MAINTAIN AIRBORN CONCENTRATIONS BELOW LIMITS,USE VENTILATION OR EXHAUST SYSTEM.

Protective Gloves:IMPERMEABLE GLOVES

Eye Protection:TO SAFEGUARD AGAINST POTENTIAL CONTACT.

Other Protective

Equipment:KEEP A SOURCE OF CLEAN WATER AVAILABLE IN THE WORK AREA FOR FLUSHING EYES AND SKIN.IMPERVIOUS CLOTHING SHOULD BE WORN.

Work Hygienic Practices:USE GOOD PERSONAL HYGIENE PRACTICES.

Supplemental Safety and Health

*INGESTION:SEEK EMERGENCY MED ATTN.THIS PRODUCT IS SLIGHTLY TOXIC BY INGESTION & AN ASPIRATION HAZARD.IF VICTIM IS CONSCIOUS & ALERT,VOMITING SHOULD BE INDUCED FOR INGESTION OF LARGE AMOUNTS(MORE THAN 5 OZ IN AN ADULT) PREFERABLE W/SYRUP OF IPECAC UND

ER DIRECTION FROM A DOCTOR.IF NOT AVAILABLE, INDUCE VOMITING.

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

HCC:T4

Boiling Pt:B.P. Text:105 TO 405F

Spec Gravity:0.9578

Solubility in Water:0.9

Appearance and Odor:CLEAR, LITTLE IF ANY COLOR, CHARACTERISTIC ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS OR BASES, ALKALIES, OXIDIZING AGENTS AND SELECTED AMINES

Stability Condition to Avoid:THIS PRODUCT FORMS COMBUSTIBLE AND/OR
EXPLOSIVE MIXTURES WITH AIR AND/OR OXYGEN.

Hazardous Decomposition Products:THERMAL DECOMPOSITION IN THE PRESENCE
OF AIR MAY YIELD CARBON MONOXIDE AND/OR CARBON DIOXIDE.

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

Waste Disposal Methods:DISPOSE OF PRODUCT IN ACCORDANCE WITH LOCAL,
COUNTY, STATE AND FEDERAL REGULATIONS.

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