

UNOCAL CHEMICALS (UNION OIL COMPANY OF CALIFORNIA) -- AMSCO SOLV 1005 --
6850-00-664-5685

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

Product ID:AMSCO SOLV 1005

MSDS Date:10/12/1988

FSC:6850

NIIN:00-664-5685

MSDS Number: BHHJC

=== Responsible Party ===

Company Name:UNOCAL CHEMICALS (UNION OIL COMPANY OF CALIFORNIA)

Address:1345 N. MEACHAM

City:SCHAUMBURG

State:IL

ZIP:60196

Info Phone Num:(312)619-2644

Eme

Agency Phone Num:(800)356-3129-LOS ANGELES POISN CTR

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

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

Ingred Name:REGULAR MINERAL SPIRITS (COMPARE TO STODDARD SOLVENT
8052-41-3).

Fraction by Wt:

Other REC Limits:N/K

OSHA PEL:N/K

ACGIH TLV:N/K

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Hazards Identification
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LD50 LC50 Mixture:N/K

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Explanation of Carcinogenicity:NOT APPLICABLE

Effects of Overexposure:SEE HEALTH HAZARD DATA

Medical Cond Aggravated by Exposure:PERSONS W/PRE-EXISTING SKIN

DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS MATL.RESP
SYMPTOMS ASSO W/PRE-EXISTNG LUNG DISORDERS MAY BE AGGRAVATED BY
EXPOSURE TO THIS MATERIAL.

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First Aid Mea
sures
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First Aid:EYE:RMOV TO FRESH AIR.IMME FLUSH W/LGE AMTS OF WTR WHILE
HOLDNG EYLID APART FOR AT LEAST 15MIN.SEEK MED ATTN.INHAL:RMOV TO
FRESH AIR.SUPPORT BRTHNG(GIVE O*2/ART,RESP)SEEK MED ATTN.SKN:WASH
W/MIL D SOAP&WTR.IF IRRI/REDNSS DEVELPS&PERSISTS,SEEK MED
ATTN.IGES:ASPIRATN HAZ-DO NOT INDUCE VOM/GIVE ANYTHNG BY MOUTH
BCAUS MAT CAN ENTER LNGS & CAUS SEVERE LNG DAMAGE.IF VICTM IS
DROWSY OR (SUP DAT).

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Fire Fighting Mea
sures
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Flash Point:101F/37.8C

Lower Limits:0.7

Upper Limits:6.0

Extinguishing Media:EXTINGUISH WITH DRY CHEMICAL, CO*2, OR FOAM

Fire Fighting Procedures:USE NIOSH/MSHA APPROV SCBA & FULL PROT
EQUPMNTWTR SPRY MAY BE USEFUL IN MIN VAPOR&COOLNG CNTNR EXPOSD TO
HEAT&FLAME.AVOID SPREADNG BURNING LIQ W/(SUP DAT)

Unusual Fire/Explosion Hazard:THIS MATERIAL IS COMBUSTIBLE AND MAY BE
IGNITED BY HEAT/FLAME. THIS MATERIAL WILL BURN, BUT WILL NOT IGNITE
READILY.

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Accidental Release Measures
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Spill Release Procedures:STAY UPWND&AWAY FRM SPLL.KEEP ALL SOURC OF IGN
AWAY FRM SPLL.INDOOR SPLL-VENT AREA OF SPLL.KEEP OUT OF
DRAINS,SEWERS/WTR WAYS.USE SAND/OTHR INERT MATL TO DAM&CNTN SPLL.DO
NOT FLUSH AREA W/WTR.SMLL SPL L-DO NOT FLUSH W/WTR;USE ABSOR
PADS.CONTCT(SUP DAT)

Neutralizing Agent:N/K

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Handling and Storage
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Handling and Storage Precautions:KEEP CNTNR TGHTL

Y CLOSD,COOL,DRY,&
AWAY FROM SOURC OF IGN.STORE W/ADEQ VENT.EMPTY CNTNR RTAIN RSIDUE &
CAN BE DANGER.DO NOT PRESSRZE,CUT(OTHR PRCAUTN)

Other Precautions:HNDLNG/STOR PRCAU

CONT:WELD,BRAZE,SOLDR,DRLL,GRND/EXPOSE CNTNR TO
HEAT,FLAME,SPRK/OTHR SOURC OF IGN;THEY MAY EXPLODE & CAUSE
INJURY/DEATH.WORK ON/IN TANKS WHICH CONTAINED/HAVE CONTAINED THIS
PRODUCT,R EFER TO GOVERNMENT REGULATIONS.

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

Respiratory Protecti

on:USE OF RESPIRATORY PROTECTION IS ADVISED WHEN
CONCENTRATIONS EXCEED THE ESTABLISHED EXPOSURE LIMITS.DPENDNG ON
AIRBORNE CONCENTRATION,USE A RESP/GAS MASK W/APPRO CARTRIDGE &
CANNISTERS (NIOSH/MSHA APP ROVED) OR SUPPLIED AIR EQUIPMENT.

Ventilation:IF CURRNT VENT PRAC ARE NOT ADEQ,ADDITNL VENT/EXHAUST SYSTM
MAY BE RQUIRD.WHERE EXPLO MIX BE PRESENT,SYSTM (SUP DAT).

Protective Gloves:IMPERMEABLE

Eye Protection:CHEMICAL WORKER GOGGLES

Other Protective Equipment:SOURCE OF CLEAN WTR

SHLH BE AVAIL IN WORK

AREA FOR FLUSHING EYES & SKIN.IMPERVIOUS CLOTHNG SHLD BE WORN AS
NEEDED.

Work Hygienic Practices:USE GOOD PERSONAL HYGIENE PRACTICE.AVOID INHAL
OF VAPORS & PERSONAL CONTACT W/PRODUCT.

Supplemental Safety and Health

BP:154-207C.PH:N/K .FLASH MTHD:N/K .RTE ENTRY:N/K .SPEC FF PROC:WTR
USED FOR COOLNG PURPOSE.EMER 1ST AID:UNCONSC,PLACE ON LEFT SIDE
W/HEAD DOWN.IF POSS,DO NOT LEAVE VICTM UNATTND.SEE K MED
ATTN.SPILL/RLEAS PROC:FIRE AUTH&APPRO FED,STATE/LOC

AL

AGENCY.VENT:SAFE FOR SUCH LOCATN SHLD BE USED.

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

HCC:F4

Boiling Pt:B.P. Text:310-405F OR

Melt/Freeze Pt:M.P/F.P Text:N/K

Decomp Temp:Decomp Text:N/K

Vapor Pres:3.1

Vapor Density:4.9

Spec Gravity:0.788

Evaporation Rate & Reference:0.12

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR AND LITTLE IF ANY COLOR.

Percent Volatiles by Volume:100

Corrosion Rate:

===== Stability and Reactivity Data ==

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Stability Indicator/Materials to Avoid: YES

STRONG ACIDS/BASES, OXIDIZING AGENTS & SELECTED AMINES.

Stability Condition to Avoid: N/K

Hazardous Decomposition Products: COMBUSTION MAY YIELD CARBON MONOXIDE
& CARBON DIOXIDE.

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

Waste Disposal Methods: DISPOSE OF PRODUCT IN ACCORDANCE W/LOCAL, COUNTY,
STATE, & FEDERAL REGULATIONS. EMPTY DRUMS SHLD BE COMPLETELY
DRAINED, PROPERLY BUNGED & PROMPTLY SHIPPED TO SUPP
PLIER/DRUM

RECONDITNR. ALL OTHER CONTAINERS SHOULD BE DISPOSED OF IAW GOVERNMENT
REGULATIONS.

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