

UNOCAL CHEMICALS DIV.,UNION OIL OF CALIFORNIA -- AMSCO SOLV 1005 \* REGULAR MINERAL SPIRITS -- 6850-01-122-1968

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

Product ID:AMSCO SOLV 1005 \* REGULAR MINERAL SPIRITS

MSDS Date:06/16/1987

FSC:6850

NIIN:01-122-1968

MSDS Number: BGMWT

=== Responsible Party ===

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

Address:1345 N MEACHAM

City:SCHAUMBURG

State:IL

ZI

P:60196

Info Phone Num:312-490-2500

Emergency Phone Num:312-490-2500

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

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

Ingred Name:PETROLEUM NAPHTHA (MINERAL SPIRITS)(MFR IDENTIFIES PRODUCT AS THIS. ALSO LISTS INGREDIENT 02 WITHOUT PERCENTAGE.)

CAS:64741-4

1-9

Fraction by Wt: 100%

Ingred Name:STODDARD SOLVENT

CAS:8052-41-3

RTECS #:WJ8925000

OSHA PEL:500 PPM

ACGIH TLV:100 PPM; 9293

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

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

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

Health Hazards Acute and Chronic:PRODUCT IS IRRITATING TO EYES AND

MUCOUS MEMBRANES. PROLONGED-REPEATED EXPOSURE MAY LEAD TO PAINTER'S SYNDROME. DELIBERATELY CONCENTRATING AND INHALIN

G THIS PRODUCT MAY  
BE HARMFUL OR FATAL.

Effects of Overexposure:EYE:IRRITATION,BURNING,TEARING. SKIN:PROLONGED  
EXPOSURE CAUSES DRYING,CRACKING. INHALED:RESPIRATORY  
IRRITATION,CENTRAL NERVOUS SYSTEM  
DEPRESSION,DROWSINESS,DIZZINESS,LOSS OF CO-ORDINATION,FATIGUE. ING  
ESTED:G/I IRRITATION,CENTRAL NERVOUS SYSTEM  
DEPRESSION,DROWSINESS,DIZZINESS,ETC.

Medical Cond Aggravated by Exposure:ASTHAM & SIMILAR RESPIRATORY  
DISEASES.

===== First Aid Measures =====  
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First Aid:EYE/SKIN:FLUSH WITH WATER. IF IRRITATION PERSISTS,CALL A  
PHYSICIAN. INHALED:REMOVE FROM EXPOSURE. IF BREATHING  
DIFFICULTY;GIVE OXYGEN AND GET MEDICAL ATTENTION. INGESTED:DO NOT  
INDUCE VOMITING. GET IM MEDIATE MEDICAL ATTENTION.

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

Flash Point Method:TCC  
Flash Point:101F/39C  
Lower Limits:0.7  
Upper Limits:6.0  
Extinguishing Media:DRY CHEMICAL,CARBON DIOXIDE,FOAM.  
Fire Fighting Procedures:WE  
AR SELF CONTAINED BREATHING APPARATUS. USE  
WATER TO COOL FIRE EXPOSED CONTAINERS. BEWARE OF SPREADING BURNING  
LIQUID WITH THE COOLING WATER.  
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION AND VENTILATE  
AREA. KEEP OUT OF DRAINS,SEWERS OR WATERWAYS. ABSORB ON INERT  
MATERIAL. STORE IN TIGHTLY CLOSED CONTAINERS PENDING DISPOSAL.  
Neutralizing Agent:NONE

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=== Handling and Storage =====

Handling and Storage Precautions:STORE TIGHTLY CLOSED IN A COOL,DRY,WELL VENTILATED AREA,FREE FROM IGNITION SOURCES. DO NOT CUT,WELD,GRIND,ETC.,ON CONTAINERS.

Other Precautions:EMPTY CONTAINERS MAY CONTAIN RESIDUE OR VAPORS. EXPLOSION HAZARD. TREAT WITH DUE RESPECT.

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

Respiratory Protection:USE NIOSH RESPIRATOR FOR ORGANIC VAPORS OR SUPPLIED AIR RESPIRATOR IF EXPOSED OVER TLV.

Ventilation:USE LOCAL EXHAUST TO MAINTAIN EXPOSURES BELOW TLV.

Protective Gloves:IMPERMEABLE

Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES

Other Protective Equipment:SAFETY SHOWER/EYE WASH. IMPERVIOUS CLOTHING IS RECOMMENDED FOR OPERATIONS WHERE SPLASHING AND CONTACT ARE ROUTINE.

Work Hygienic Practices:USE NORMAL CHEMICAL HYGIENE PRACTICE.

Supplemental Safety and Health

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

HCC:F4

Boiling Pt:B.P. Text:310

-405F

Vapor Pres:3.1 MM@20C

Vapor Density:4.9 (AIR)

Spec Gravity:0.788

Evaporation Rate & Reference:0.12 (BUAC)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR,ALMOST COLORLESS LIQUID,HYDROCARBON ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS,STRONG BASES,OXIDIZING AGENTS,SELECTED AMINES

Stability Condition to Avoid:HEAT,IGNITION SOURCES

Hazardous Decomposition Product

s:NORMAL PRODUCTS OF COMBUSTION.

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

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.  
HMIS SUGGESTS INCINERATION.

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