

UNION OIL OF CALIFORNIA,UNOCAL CHEM & MINERALS DIV -- 140 SOLVENT 66/3,PD 680 TYPE II, CODE 11106 -- 6850-00-110-4498

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

Product ID:140 SOLVENT 66/3,PD 680 TYPE II, CODE 11106

MSDS Date:06/14/1991

FSC:6850

NIIN:00-110-4498

MSDS Number: BCYYT

=== Responsible Party ===

Company Name:UNION OIL OF CALIFORNIA,UNOCAL CHEM & MINERALS DIV

Address:1700 E. GOLF RD.

City:SCHAUMB

URG

State:IL

ZIP:60173-5862

Country:US

Info Phone Num:312-490-2500/LA POISON213-664-2121

Emergency Phone Num:800-356-3129,800-424-9300(CHEMTREC)

CAGE:IO438

=== Contractor Identification ===

Company Name:PHIPPS PRODUCTS CORP

Address:186 LINCOLN ST SUITE 502

Box:City:BOSTON

State:MA

ZIP:02111-2403

Country:US

Phone:OUT OF BUSINESS

CAGE:86511

Company Name:UNION OIL OF CALIFORNIA

Address:1201 WEST 5TH ST

City:LOS ANGELES

State:CA

ZIP:90017

Country:US

Phone:213-977-7589

CAGE:IO438

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:STODDARD SOLVENT
CAS:8052-41-3
RTECS #:WJ8925000
Fraction by Wt: 100%
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM
ACGIH TLV:100 PPM; 9293

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Hazards Identification
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LD50 LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN.

Rou

tes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYES: MILD IRRITATION, STINGING,
TEARING, REDNESS. SKIN: IRRITATION, REDNESS, BURNING, DRYING,
CRACKING, DAMAGE. INHALATION: IRRITATION OF NOSE, THROAT, CNS
DEPRESSION, HEADACHE, DROWSINESS, DIZZINESS , LOSS OF COORDINATION,
FATIGUE. INGESTION: IRRITATION OF DIGESTIVE TRACT, CNS DEPRESSION,
HEADACHE, DIZZINESS, FATIGUE.

Effects of Overexp

posure:EYES: IRRITATION, STINGING, TEARING, REDNESS.

SKIN: IRRITATION, REDNESS, BURNING, DRYING, CRACKING, DAMAGE.

INHALATION: IRRITATION OF NOSE, THROAT, CNS DEPRESSION, HEADACHE,
DROWSINESS, DIZZINESS, LOSS OF COORDINATION, FATIGUE. INGESTION:
IRRITATION OF GI TRACT, CNS DEPRESSION, HEADACHE, DIZZINESS,LOSS OF
COORDINATION.

Medical Cond Aggravated by Exposure:PERSON WITH PRE-EXISTING DISEASE
INVOLVING THE EYES, SKIN, RESPIRATORY TRACT MAY BE AT INCREASED
RISK FROM E

XPOSURE TO THIS PRODUCT.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF SYMPTOMS PERSISTS, GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING GIVE CPR. IF BREATHING DIFFICULT GIVE OXYGEN. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC
Flash Point:140F,60C
Lower Limits:1.0
Upper Limits:7.0
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, HALON, FOAM, WATER SPRAY.
Fire Fighting Procedures:MOVE CONTAINERS FROM FIRE AREA IF POSSIBLE. USE WATER SPRAY TO DISPERSE VAPORS AND COOL CONTAINERS EXPOSED TO FIRE. AVOID SPREADING BURNING LIQUID WITH WATER.
Unusual Fire/Explosion Hazard:CONTAINERS MAY EXPLODE IN FIRE. HOT MATERIAL MAY CREATE VAPOR/AIR EXPLOSION HAZARD. VAPORS HEAVIER THAN AIR MAY TRAVEL TO DISTANT IGNITION SOURCE AND BACKFLASH.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. PREVENT SPILL FROM ENTERING SEWERS, STORM DRAINS, NATURAL WATERWAYS. CONTAIN SPILL BY DIKING. ABSORB WITH INERT ABSORBENT. STORE IN CLOSED CONTAINER FOR DISPOSAL. NOTIFY PROPER AUTHORITIES.
Neutralizing Agent:NONE.

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

Handling and Storage Precautions:STORE TIGHTLY CLOSED IN COOL, DRY, WELL VENTILATED AREA AWAY FROM HEAT AND IGNITION SOURCES. POST AREA "NO SMOKING OR OPEN FLAME".
Other Precautions:BOND AND GROUND ALL EQUIPMENT WHEN TRANSFERRING FROM ONE VESSEL TO ANOTHER. KEEP AWAY FROM INCOMPATIBLE MATERIALS. PROTECT CONTAINERS FROM PHYSICAL DAMAGE. USE EXPLOSION-PROOF EQUIPMENT. OUTDOOR OR DETACHED STORAGE IS PREFERRED.

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

Respiratory Protection:THE USE OF RESPIRATORY PROTECTION IS ADVISED WHEN CONCENTRATIONS EXCEED THE ESTABLISHED EXPOSURE LIMITS. DEPENDING ON AIRBORNE CONCENTRATION, USE RESPIRATOR OR GAS MASK WITH APPROPRIATE CARTRIDGES AND CANNISTERS OR SUPPLIED AIR EQUIPMENT.

Ventilation:PROVIDE GENERAL AND/OR LOCAL EXHAUST VENTILATION TO MAINTAIN AIRBORNE CONCENTRATIONS BELOW ESTABLISHED EXPOSURE LIMITS.

Protective Gloves:

USE IMPERMEABLE GLOVES.

Eye Protection:SAFETY GLASSES AND/OR SPLASH GOGGLES.

Other Protective Equipment:IMPERVIOUS CLOTHING SHOULD BE WORN AS NEEDED. PROVIDE EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

"EMPTY" CONTAINERS RETAIN RESIDUE, LIQUID AND VAPOR, AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRI

ND, OR EXPOSE TO HEAT, FLAME, SPARKS, OTHER IGNITION SOURCES; THEY MAY EXPLODE. "EMPTY" DRUMS SHOULD BE COMPLETELY DRAINED, PROPERLY BUNGED AND SENT TO SUPPLIER OR RECONDITIONER.

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

HCC:F4

Boiling Pt:B.P. Text:370F,188C

Vapor Pres: