

UNION OIL COMPANY OF CALIFORNIA, UNOCAL CHEM DIV. -- MIL-C-7024C PRODUCT CODE NO 12227. -- 6850-00-656-0810

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

Product ID:MIL-C-7024C PRODUCT CODE NO 12227.

MSDS Date:07/09/1987

FSC:6850

NIIN:00-656-0810

MSDS Number: BFJZR

=== Responsible Party ===

Company Name:UNION OIL COMPANY OF CALIFORNIA, UNOCAL CHEM DIV.

Address:1345 N. MEACHAM

City:SCHAUMBURG

State:IL

ZIP:601

96

Info Phone Num:312-490-2500

Emergency Phone Num:312-490-2500

CAGE:5W523

=== Contractor Identification ===

Company Name:UNION OIL COMPANY OF CALIFORNIA

Address:1345 NORTH MEACHAM ROAD

City:SCHAUMBURG

State:IL

ZIP:60196

Country:US

Phone:800-438-2968

CAGE:5W523

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 =====

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Ingred Name:STODDARD SILVENT

CAS:8052-41-3

Fraction by Wt: 100%

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:IRRITATING TO EYES, SKIN, RESPIRATORY

TRACT AND DIGESTIVE TRACT. MAY CAUSE BURNING, TEARING & REDNESS OF EYES; REDNESS, BURNING, & DRYING AND CRACKING OF THE SKIN.

Ex

planation of Carcinogenicity:NONE OF THE COMPOUNDS ABOVE 0.1% IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:IRRITATING, DROWSINESS, DIZZINESS , LOSS OF COORDINATION AND FATIGUE.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, CENTRAL NERVOUS SYSTEM. RESPIRATORY TRACT, LIVER AND KIDNEY MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING GIVE CPR. CALL A PHYSICIAN. EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. CALL A PHYSICIAN. SKIN: WASH WITH PLENTY OF SOAP & WATER. REMOVE CONTAMINATED CLOTHING/SHOES. INGESTION:DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE 2 GLASSES OF WATER TO DRINK, GIVE NOTHING BY MOUTH IF CONSCIOUS. CALL A PHYSICIAN.

===== Fire Fighting Measures =====  
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Flash Point Method:TCC

Flash Point:104F,40C

Lower Limits:0.8

Extinguishing Media:USE WATER SPRAY, DRY CHEMICAL, FOAM, OR CARBON DIOXIDE, WATER MAY BE AN INEFFECTIVE EXTINGUISHING AGENT.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS AND TO DISPERSE THE VAPORS. AVOID SPREADING BURNING LIQUID WITH WATER.

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

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

Spill Release Procedures:SMALL SPILL: WIPE UP OR SOAK UP WITH AN INERT ABSORBANT. PUT IN DISPOSAL CONTAINER. WASH RESIDUE WITH SOAP & WATER. LARGE SPILL: EVACUATE & VENTILATE AREA. ELIMINATE SOURCES OF IGNITION. DIKE TO RETAI N SPILL. VACUUM/PUMP UP FREE LIQUID. WASH RESIDUE.

Neutralizing Agent:NONE

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

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Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED  
AREA AWAY FROM SPARKS AND FLAME. KEEP CONTAINER TIGHTLY CLOSED WHEN  
NOT IN USE,PROTECT FROM PHYSICAL DAMAGE.  
Other Precautions:NONE

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

Respiratory Protection:VENTILATION DOES NOT MAINTAIN INHALATION  
EXPOSURE BELOW PEL(TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER  
CURRENT 29 CFR 1910,134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR

DECISION LOGIC-PUB.#87.1 08.

Ventilation:PROVIDE SUFFICIENT GENERAL/LOCAL EXHAUST VENTILATION IN  
PATTERN/VOLUME TO CONTROL INHALATION EXPOSURES BELOW OSHA'S PEL.

Protective Gloves:HEAVY DUTY NEOPRENE RUBBER IS REQUIRED.

Eye Protection:SAFETY GLASSES/GOGGLES AND/OR FACESHIELD

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING, COVERALLS, APRONS, BOOTS &  
PROTECTIVE GARMENTS AS REQD.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICE  
S AND

RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR  
FOOTWEAR.

Supplemental Safety and Health

DO NOT GET ON SKIN,IN EYES OR ON CLOTHING. DO NOT BREATHE VAPORS OR  
MISTS.

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

HCC:F4

Boiling Pt:B.P. Text:428F,220C

Vapor Pres:2.9

Vapor Density:4.9

Spec Gravity:0.772

Viscosity:1.17 CS @ 77F

Evaporation Rate & Reference:0.2(BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR COLORLESS

LIQUID, KEROSENE-LIKE ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

CARBON OXIDIZERS, ACIDS AND BASES. SELECT AMINES.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS OR OPEN FLAME.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE. ACID  
FUMES MAY ALSO BE RELEASED.

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

Waste Disposal Methods:DISPOSAL S

HOULD BE MADE IN ACCORDANCE WITH ALL

APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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