

UNION OIL CO OF CALIFORNIA UNION CHEMICALS DIV -- ISOPROPYL-99 -- 6810-00-286-5435

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Product Identification
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Product ID:ISOPROPYL-99

MSDS Date:07/01/1988

FSC:6810

NIIN:00-286-5435

MSDS Number: BDTVX

=== Responsible Party ===

Company Name:UNION OIL CO OF CALIFORNIA UNION CHEMICALS DIV

Address:1900 E GOLF ROAD

City:SCHAUMBURG

State:IL

ZIP:60194-5021

Country:US

Info Phone Num:312-885-5450

E

Emergency Phone Num:800-424-9300(TRAN)800-356-3129(MED)

CAGE:DO716

=== Contractor Identification ===

Company Name:UNION OIL CO OF CALIF;UNION CHEMICAL DIV

Address:1345 NORTH MEACHAM ROAD

City:SCHAUMBURG

State:IL

ZIP:60196

Country:US

Phone:312-885-5450

CAGE:DO716

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:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 100%

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE-EYES:IRRITANT. BURNING.

SKIN:IRRITATION. INHALATION:IRRITATION OF THE NOSE AND THROAT.

INGESTION:IRRITATION OF THE D

IGESTIVE TRACT. SIGNS OF CENTRAL NERVOUS SYSTEM DEPRESSION. CHRONIC-EYES:BURNING. SKIN:IRRITATION AND BURNING. INHALATION:IRRITATION. INGESTION:NERVOUS SYSTEM DEPRESSION.

Explanation of Carcinogenicity:NOT CONSIDERED TO BE A CARCINOGEN BY NTP, IARC, OR OSHA.

Effects of Overexposure:EYES:TEARING, REDNESS, AND SWELLING. SKIN:REDNESS, BURNING, AND DRYING AND CRACKING OF THE SKIN. INHALATION:DROWSINESS, DIZZINESS, LOSS OF COORDINATION, AND FATIGUE. INGESTION:VOMITING AND ABDOMINAL PAIN.

Medical Cond Aggravated by Exposure:SKIN AND LUNG DISORDERS.

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

First Aid:EYES:FLUSH WITH WATER FOR 15 MIN AND SEEK MEDICAL ATTENTION. SKIN:REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREA THOROUGHLY WITH MILD SOAP AND WATER. INHALATION:REMOVE VICTIM TO FRESH AIR. SEEK IMMEDIATE MEDICAL ATTENTION. INGESTION:SEEK EMERGENCY MEDICAL ATTENTION. DO NOT GIVE ANYTHING BY MOUTH. INDUCE VOMITING ONLY IF DOSES OF 5 OZ OR MORE ARE TAKEN.

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

Flash Point:53F,12C,TCC
Lower Limits:2
Upper Limits:12
Extinguishing Media:CO₂,FOAM,DRY CHEM, ALCOHOL FOAM
Fire Fighting Procedures:WEAR SCBA,COOL EXPD CONTRS W H₂O. H₂O INEFF ON FIRE.
Unusual Fire/Explosion Hazard:THIS MATERIAL IS FLAMMABLE AND MAY BE IGNITED BY HEAT, SPARKS, FLAMES, AND STATIC ELECTRICITY.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. STOP LEAK. EVACUATE AREA.DO NOT TOUCH SPILLAGE. SM SPILL:ABSORB W. INERT ABSORBENT. PLACE IN CLOSED CONTAINER. FLUSH AREA W. WATER. LG SPILL: DIKE AHEAD FOR LATER DISPOSAL. NOTIFY AUTHORITIES.

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENT,LOW FIRE RISK AREA. PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT. KEEP CONTAINERS TIGHTLY CLOSED

LOSED.

Other Precautions:AVOID INHALATION VAPORS,& PHYSICAL CONTACT;SHOULD CONTACT BE MADE,REMOVE SATURATED CLOTHING & FLUSH AFFECTED AREAS W/WATER.

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

Respiratory Protection:USE A NIOSH APPROVED RESPIRATOR WHEN HIGH AIRBORNE CONCENTRATIONS ARE EXPECTED.

Ventilation:VENTILATION TO MAINTAIN AIRBORNE CONCENTRATIONS BELOW ESTABLISHED EXPOSURE LIMITS.(400 PPM)

Protective Gloves:IMPERMEABLE GLOVES

Eye Protection:APPROVED EYE PROTECTION

Other Protective Equipment:IMPERVIOUS CLOTHING WHEN NECESSRY. EYE WASH AND SHOWER.

Work Hygienic Practices:PRACTICE GOOD HYGIENE PRINCIPLES.

Supplemental Safety and Health
NONE

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

HCC:F2

Boiling Pt:=84.4C, 184.F

Vapor Pres:37

Vapor Density:2.1

Spec Gravity:0.786

Evaporation Rate & Reference:1.70(N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE

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

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

CORROSIVE,OXIDIZING MATL;ANHYDRIDE,ISOCYANATE,ORTANOMETALLIC

Stability Condition to Avoid:HEAT, IGNITION SOURCES, FLAMES, AND STATIC ELECTRICITY.

Hazardous Decomposition Products:COMBUSTION MAY YIELD CARBON MONOXIDE AND/OR CARBON DIOXIDE.

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

Waste Disposal Methods:KEEP IN

COVERED DRUMS,PENDING DISPOSAL. HANDLE &
DISPOSE IN FULL COMPLIANCE WITH ALL APPLICABLE
INTERNATIONAL,FEDERAL,STATE, & LOCAL REGULATIONS.

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