

UNOCAL CHEMICALS DIV UNION OIL CO OF CALIFORNIA -- ISOPROPYL-99 -- 6810-00-753-4993

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Product Identification
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Product ID:ISOPROPYL-99

MSDS Date:12/01/1989

FSC:6810

NIIN:00-753-4993

MSDS Number: BFNGT

=== Responsible Party ===

Company Name:UNOCAL CHEMICALS DIV UNION OIL CO OF CALIFORNIA

Address:1345 N MEACHAM RD

City:SCHAUMBURG

State:IL

ZIP:60195

Country:US

Info Phone Num:800-356-3129

Eme

Agency Phone Num:800-424-9300 (CHEMTREC)/202-483-761

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

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

= Wt:100.

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

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azards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
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 DIGESTIVE TRACT. SIGNS OF CENTRAL
NERVOUS SYSTEM DEPRESSION. CHRONIC-EYES:BURNING. SKIN:IRRITATION
AND BURNING. INHALATION:IRRITATION. INGESTION:NERVOUS SYSTEM
DEPRESSION

N.
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.

===== 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.

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

Flash Point Method:TCC
Flash Point:=-11.7C, 53.F
Lower Limits:2.0
Upper Limits:12.0
Extinguishing Media:CO*2, FOAM, DRY CHEM.
Fire Fighting Procedures:WEAR SCBA, COOL EXPD CONTRS W H*20. H*20 INEFF
ON FIRE.
Unusual Fire/Explosion Hazard:THIS MATERIAL IS FLAMMABLE AND MAY BE
IGNITED BY HEAT, SPARKS, FLAMES, AND STATIC ELECTRICITY.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. STOP LEAK.
EVACUATE AREA. DO NOT TOUCH SPILLAGE. SMALL SPILL:ABSORB W. INERT
ABSORBENT. PLACE IN CLOSED CONTAINER

TAINER. 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.

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 =====

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 =====

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CC:F2

Boiling Pt:=82.2C, 180.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,ORGANOMETALLIC

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, O

PEN FLAMES OR
ANY OTHER SOURCES OF IGNITION.

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

===== 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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