

UNION OIL CO OF CALIFORNIA UNION CHEMICALS DIV -- ACETONE -- 6810-00-184-4796

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

Product ID:ACETONE

MSDS Date:03/21/1989

FSC:6810

NIIN:00-184-4796

MSDS Number: BHC FP

=== 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/ 312-619-26

44

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

CAGE:DO716

=== Contractor Identification ===

Company Name:CHEMICAL SPECIALISTS AND DEVELOPMENT INC

Address:2210 HACKBERRY LN

Box:687

City:CONROE

State:TX

ZIP:77305

Country:US

Phone:409-756-1065

CAGE:4N760

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 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

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

Ingred Name:ACETONE (SARA III)  
CAS:67-64-1  
RTECS #:AL3150000  
Fraction by Wt: >99%  
OSHA PEL:1000PPM  
ACGIH TLV:750PPM/1000STEL;9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:THIS MATERIAL IS A SEVERE EYE  
IRRITANT. IT MAY CAUSE SKIN IRRITATION. PROLONGED OR REPEATED  
CONTACT MAY CAUSE REDNESS, DRYING & CRACKING OF SKIN. BREATHING OF  
MIST MAY CAUSE IRRITATION OF THE NOSE & T HROAT. INGESTION OF  
EXCES  
SIVE QUANTITIES MAY CAUSE IRRITATION OF THE DIGESTIVE TRACT.  
Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS  
CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.  
Effects of Overexposure:INHALATION: DROWSINESS, DIZZINESS, LOSS OF  
COORDINATION, FATIGUE, NAUSEA & VOMITING. EYE/SKIN: IRRITATION,  
TEARING, REDNESS, SWELLING, SKIN DISORDER. INGESTION: NERVOUS  
SYSTEM DEPRESSION, DROWSINESS, DIZZINESS, LOSS OF COORDINATION &  
FATIGUE.  
Medical Cond Aggravated by Ex

posure:PERSONS WITH PRE-EXISTING SKIN  
DISORDERS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS MATERIAL.

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

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES.SEE DOCTOR.  
SKIN:REMOVE CONTAMINATED CLOTHING AND SHOES. WASH WITH SOAP AND  
WATER.SEE DOCTOR. INHALATION: REMOVE VICTIM TO FRESH AIR.GIVE  
OXYGEN/CPR IF NEEDED.SEE DOCTOR. INGESTION:NO FIRST AID IS  
NORMALLY REQUIRED, HOWEVER,IF SYMPTOMS DEVELOP,S  
EEK MEDICAL  
ATTENTION.

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

Flash Point Method:TCC  
Flash Point:-4F/-20C  
Lower Limits:2.8 %  
Upper Limits:13.2 %  
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, OR FOAM.  
Fire Fighting Procedures:FLASHBACK ALONG VAPOR TRIAL MAY OCCUR. THIS  
MATERIAL IS EXTREMELY FLAMMABLE AND MAY BE IGNITED BY  
HEAT,SPARKS,FLAME OR STATIC ELECTRICITY.  
Unusual Fire/Explosion Hazard:IF CONTAINER IS NOT PROPERLY COOLED, IT  
MAY EXPLODE IN  
HEAT OF A FIRE. THE USE OF A SELF-CONTAINED  
BREATHING APPARATUS IS RECOMMENDED.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. VENTILATE AREA.  
USE NON-SPARKING TOOLS.STOP LEAK.ABSORB IN INERT ABSORBENT & PLACE  
INTO APPROPRIATE DISPOSAL CONTAINER & SEAL.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STOR  
E IN COOL, DRY, WELL VENTILATED  
PLACE, AWAY FROM HEAT, IGNITION SOURCES AND INCOMPATIBLE MATERIALS.  
KEEP CONTAINERS CLOSED WHEN NOT IN USE.  
Other Precautions:INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND  
INHALING THIS PRODUCT MAY BE HARMFUL OR FATAL.

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

Respiratory Protection:NIOSH/MSHA RESPIRATOR WITH CARTRIDGE APPROPRIATE  
FOR EXPOSURE OF CONCERN OR SCBA IF TLV IS EXCEEDED.  
Ventilation:SUFFICIENT MECHANICAL

(GENERAL) AND/OR LOCAL EXHAUST  
VENTILATION TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS.

Other Protective Equipment:FULL WORK CLOTHING TO PREVENT REPEATED OR  
PROLONGED SKIN CONTACT. EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:AVOID CONTACT WITH EYES & SKIN. DO NOT BREATHE  
VAPORS. WASH THOROUGHLY AFTER HANDLING. LAUNDER CONTAMINATED  
CLOTHING.

Supplemental Safety and Health

EMPTY DRUMS RETAIN RESIDUE AND CAN  
BE DANGEROUS. DO NOT PRESSURIZE,

CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO  
HEAT, FLAME, SPARKS OR OTHER SOURCES OF IGNITION. THEY MAY EXPLO DE  
AND CAUSE INJURY OR DEATH.

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

HCC:F2

Boiling Pt:B.P. Text:133F,56C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:186

Vapor Density:2

Spec Gravity:0.791

pH: