

UNION CARBIDE CORP(MFR),PHIPPS PRODUCTS(DIST). -- ACETONE -- 6810-00-184-4796

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

Product ID:ACETONE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-184-4796

MSDS Number: BDGXQ

=== Responsible Party ===

Company Name:UNION CARBIDE CORP(MFR),PHIPPS PRODUCTS(DIST).

Address:39 OLD RIDGEBURY ROAD

City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Info Phone Num:800-822-4357

Emergency Phone Num:800-822-4357

CAGE:61637

=== Contractor Identification

===

Company Name:UNION CARBIDE CORP

Address:39 OLD RIDGEBURY ROAD

Box:City:DANBURY

State:CT

ZIP:06817-0001

Country:US

Phone:800-822-4357/732-563-5522 (MSDS)

CAGE:61637

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

Ingred Name:ACETONE (SARA III)

CAS:67-64-1

RTECS #:AL3150000

Fraction by Wt: 100%.

OSHA PEL:1000PPM

ACGIH TLV:750PPM/1000STEL;9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

Effects of Overexposure

xposure:PRODUCES A STATE OF STUPOR.VAPOR IRRITATING TO  
EYES & MUCOUS MEMBRANES;ANETHETIC,IRRITG TO MEMBRANE

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

First Aid:REMOVE TO FRESH AIR.SKIN:ONLY A SLIGHT HAZARD;FLUSH WITH  
WATER. EYE:MODERATE HAZARD,FLUSH WITH WATER FOR 15 MIN. CALL A  
DOCTOR.

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

Flash Point:4F TOC

Autoignition Temp:Autoignition Temp Text:1000F.

Lower Limits:2.6.

Upper Limits:12

.8

Extinguishing Media:CO\*2,DRY CHEMICAL FOR SMALL FIRES.ALCOHOL FOAM FOR  
LG.FIRES.

Fire Fighting Procedures:DILUTION OF BURNING LIQUID W/WATER WILL EFFECT  
EXTINGUISHMNT

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION.FLUSH  
HEAVILY W/WATER.STOP DISCHARGE IF POSSIBLE.

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

Handling and Storage Precautions:D

ANGER!EXTREMELY FLAMMABLE.KEEP AWAY

FROM HEAT,SPARKS,AND FIRE.DO NOT LEAVE CONTAINER OPEN.USE  
W/ADEQUATE VEMTO+ATOPM.AVOID PROLONGED OR RPTD.CONTACT.

Other Precautions:DO NOT USE COPPER.NOT FOR USE AS A DRUG UNLESS  
CLEARLY ESTABLISHED AS SAFE FOR THAT PURPOSE.

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

Respiratory Protection:FACE MASK(FULL)W/ORGANIC CHEMICAL CANISTER OR  
SUPPLIED APR.

Ventilation:LOCAL EXHAUST IS PREFERRED & MECHANICAL IS ACCEPTABLE.

Pro

Protective Gloves: RUBBER, VINYL  
Eye Protection: FACE SHIELD  
Other Protective Equipment: -----  
Supplemental Safety and Health

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

HCC: F2  
Boiling Pt: B.P. Text: 133F  
Vapor Pres: 186  
Vapor Density: 2.0.  
Spec Gravity: 0.7905  
Evaporation Rate & Reference: 14.48, BUTYL ACET.  
Solubility in Water: COMPLETE  
Appearance and Odor: HIGHLY FLAMMABLE LIQUID; SHARP, PENETRATING, RES, ODOR  
Percent Volatiles by Volume: 99.9

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

Stability Indicator/Materials to Avoid: YES  
BA(OH)\*2, NAOH, & OTHER ALKALIES; SULFURIC ACID.  
Stability Condition to Avoid: LOW TEMP  
Hazardous Decomposition Products: NONE  
Conditions to Avoid Polymerization: LOW TEMPS. IN PRESENCE OF  
CATALYSTS-COND.OCCURS; TEMP.RISES.CL

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

Waste Disposal Methods: ATOMIZE INTO AN INCINERATOR. DANGEROUS TO  
AQUATIC-LIFE-IN HIGH CONCENTRATIONS. MAY BE DANGEROUS IF IT ENTERS  
WATER INTAKES.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to the

ir  
particular situation.