

DOW CHEMICAL U.S.A. (VENDOR:PHIPPS PRODUCTS) -- ACETONE,SYNTHETIC -- 6810-00-223-2739

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Product Identification  
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Product ID:ACETONE,SYNTHETIC

MSDS Date:01/01/1987

FSC:6810

NIIN:00-223-2739

MSDS Number: BDKFZ

=== Responsible Party ===

Company Name:DOW CHEMICAL U.S.A. (VENDOR:PHIPPS PRODUCTS)

Address:2020 DOW CENTER

City:MIDLAND

State:MI

ZIP:48640-6030

Country:US

CAGE:96717

=== Contractor I

dentification ===

Company Name:DOW CHEMICAL CO

Address:100 LARKIN CENTER

Box:City:MIDLAND

State:MI

ZIP:48674

Country:US

Phone:800-258-2436

CAGE:96717

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

CAS:67-64-1

RTECS #:AL3150000

Fraction by Wt: 99.5%

OSHA PEL:1000PPM

ACGIH TLV:750PPM/1000STEL;9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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Hazards Identification  
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Effects of Overexposure:EYE:MOD IR

RIT.POSSBLY SOME/TRANSNT CORNEAL  
INJURY;SKIN:DEFATTING W/LONGER CONTCT;INH:NORCOSIS,IRRIT.

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

First Aid:SKIN:WASH W.SOAP & H\*2O EYES:FLUSH W. H\*2O. INGESTED:GIVE 2  
GLASSES H\*2O; INDUCE VOMITING.CALL A PHYSICIAN. INHALE:REMOVE TO  
FRESH AIR. GIVE CPR/OXYGEN IF NEED. KEEP WARM & QUIET. REMOVE  
CONTAMINATED CLOTHING. IF UNCONS DO NOT TAKE ANYTHING BY MOUTH.

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

Flash Point:0F,-18C  
Autoignition Temp:Autoignition Temp Text:869F  
Lower Limits:2.6  
Upper Limits:12.8  
Extinguishing Media:CO\*2, FOAM, DRY CHEM.  
Fire Fighting Procedures:WEAR CHEM PROT. SUIT WITH SCBA. COOL CONTRS  
WITH H\*2O.  
Unusual Fire/Explosion Hazard:EXTREMELY FLAMMABLE CONTAINER MAY  
EXPLODE.VAPOR IS EXPLOS HAZARD.VAPOR MAY SPREAD AWAY FROM SPILL.

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

Spill Release Procedures:USE APPROPRIATE SAFETY EQUIP.ELIM  
IGN  
SOURCES.EVAC UNPROTCTD PERSONS;SM SPILL:ALLOW TO EVAPRATE SAFELY OR  
SOAK UP W/ABSORBENT MATL & SCOOP INTO DRUMS;LG SPILL:DIKE & PUMP  
INTO DRUMS USING NON-SPARK PR ODUcing PUMP.PREVENT FROM ENTERING  
SEWER/DRAIN.

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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:AVO  
ID EYE/SKIN CONTACT.AVOID BREATHG VAP;USE  
SPARK-RESISTANT TOOLS;TREAT EMPTY CONTAINER AS HAZ MATL;NEVER USE  
WELDNG TOOL/ARC NEAR EMPTY/FULL CONTNR OF ACETONE.

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

Respiratory Protection:NIOSH APPRVD RESP;FOR EMERGENCY:SCBA OR A  
FULL-FACE RESP IAW NIOSH.  
Ventilation:RECOMMEND CONTROL OF VAPORS TO SUGGESTED GUIDE.  
Protective Gloves:IMPERVIOUS  
Eye Protection:SAFETY GLASSES W/O SHIELD  
Other Protective Equipment:WEAR IMPERVI

OUS CLOTHING/BOOTS.  
Supplemental Safety and Health  
MSDS DATED MAY 30,85.-MTL IS OF FED SPEC O-A-51F.

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

HCC:F2  
Boiling Pt:B.P. Text:133F,56C  
Vapor Pres:182  
Vapor Density:2.0  
Spec Gravity:0.7880  
Solubility in Water:COMPLETE  
Appearance and Odor:COLORLESS,SWEETISH LIQUID  
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES  
NITRIC PLUS ACETIC  
ACIDS & NITRIC PLUS SULFURIC ACIDS.  
Stability Condition to Avoid:KEEP AWAY FROM FLAMES & SPARK PRODUCING  
EQUIPMENTS.  
Hazardous Decomposition Products:CARBON DIOXIDE AND SOME CARBON  
MONOXIDE.

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

Waste Disposal Methods:SM SPILL: ALLOW VOLATILE PORTION TO EVAPORATE IN  
HOOD. DESTROY REMAINS BY BURNING IN IRON PAN. LG SPILL: DESTROY BY  
LIQUID INCINERATION W. OFF-GAS SCRUBBER. DEPOSIT CONTAMINATED  
ABSORBENT IN LAND  
FILL ACCORDING TO LOCAL,STATE & FED REGULATIONS.

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