

ASHLAND CHEMICAL CO. -- ACETONE -- 6810-00-184-4796

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Product Identification  
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Product ID:ACETONE

MSDS Date:05/31/1989

FSC:6810

NIIN:00-184-4796

MSDS Number: BMTVJ

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL CO.

Address:INDUSTRIAL CHEMICALS AND SOLVENTS

Box:2219

City:COLUMBUS

State:OH

ZIP:43216

Country:US

Info Phone Num:614-790-3333

Emergency Phone Num:800-274-5263

CAGE:5A188

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO

Address:5200 PAUL BLAZEL MEMORIAL PARKWAY

Box:City:DUBLIN

State:OH

ZIP:43017

Country:US

Phone:614-889-4505

CAGE:5A188

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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: 100.0%

OSHA PEL:750PPM/1000 STEL \*

ACGIH TLV:750PPM/1000STEL;9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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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: EYE AND SKIN IRRITATION.  
CENTRAL NERVOUS SYSTEM EFFECTS. CHRONIC: NONE NOTED.  
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS  
LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.  
Effects of Overexposure:EYES: IRRITATION, REDNESS, TEARING. SKIN:  
SLIGHT IRRITATION. INHALATION: NASAL AND RESPIRATORY IRRITATION,  
  
DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS,  
DEATH. INGESTION: GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING,  
DIARRHEA.  
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF SKIN AND  
RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:SKIN: THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER.  
REMOVE CONTAMINATED CLOTHING. LAUNDRY CONTAMINATED CLOTHING BEFORE  
RE-USE. EYES: FLUSH WITH LARGE AMOUNTS OF WATER. SEE DR. INGEST:  
IMMEDIATELY DRINK TWO GLASSES OF WATER AND INDUCE VOMITING. SEE  
DR. INHALE: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT,  
ADMINISTER OXYGEN. IF BREATHING STOPPED, GIVE ARTIFICIAL  
RESPIRATION. SEE DR.

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

Flash Point Method:TCC  
Flash Point:0F,-18C  
Lower Limits:2.6  
Upper Limits:12.8  
Extinguishing Media:ALCOHOL FOAM,CO\*2,OR DRY CHEMICAL  
Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS W/FULL FACE  
PIECE(PRESSURE MODE)  
Unusual Fire/Explosion Hazard:FLASHBACK ALONG GROUND & IGNITED BY  
IGNITION SOURCES.NEVER USE WELDING OR CUTTING ON OR NEAR DRUM.

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

Spill Release Procedures:SMALL SPILL:ABSORB LIQUID ON PAPER,  
VERMICULITE,FLOOR ABSORBENT,OR OTHER ABSORBENT MATERIAL & TRANSFER  
TO CONTAINER. LARGE SPILL:ELIMINATE ALL IGNITION SOURCES;STOP SPILL AT  
SOURCE,DIKE AREA

OF SPILL,PUMP LIQ.TO S ALVAGE TK.REMAING LIQ.TAKEN  
UP ON SAND,CLAY,EARTH  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:CONTAINERS OF THIS MATERIAL MAY BE  
HAZARDOUS WHEN EMPTIED.SINCE EMPTIED CONTAINERS RETAIN PRODUCT  
RESIDUES(VAPOR,LIQUID, &/OR SOLID,ALL HAZARHOUS PREC  
Other Precautions:EXTREME CARE SHOULD BE TAKEN IN HANDLING THIS  
MATERIAL, SINCE OVEREXPOSURE CAN CAUSE LIV  
ER ABNORMALITIES,CENTRAL  
NERVOUS SYSTEM DAMAGE.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION  
EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS  
PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND  
NIOSH-RESPIRATOR SELECTION.  
Ventilation:MECHANICAL (GENERAL) VENTILATION IS REQUIRED. LOCAL EXHAUST  
MAY BE REQUIRED IF WORK AREA IS NOT VENTED.  
Protective Gloves:NATURAL RUBBE  
R, NEOPRENE, NITRILE RUBBER  
Eye Protection:CHEMICAL SPLASH GOGGLES.  
Other Protective Equipment:WEAR IMPERVIOUS CLOTHING & BOOTS.NEOPRENE,  
BUNA-N GLOVES.  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE  
EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.  
Supplemental Safety and Health  
NONE

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

HCC:F2  
Boiling Pt:B.P. Text:133F,56C  
Vapor Pres:181.7  
Vapor Density:2.0.  
Spec Gravity:0.788  
Evaporation Rate &

Reference:14.4 (BU AC = 1)

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS;STRONG ALKALIES;STRONG MINERAL ACIDS

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:CO\*2,CO,NITROGEN COMPDS,VARIOUS  
HYDROCARBONS.

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

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Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE  
FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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