

## **ACETONE**

### **MSDS Number**

BLSWK

### **National Stock Number**

6810-01-317-6099

### **Product Name**

ACETONE

### **Manufacturer**

MALLINCKRODT INC

### **Product Identification**

Product ID:ACETONE

MSDS Date:04/06/1989

FSC:6810

NIIN:01-317-6099

MSDS Number: BLSWK

### **Responsible Party**

MALLINCKRODT INC

PARIS , KY 40361

US

Emergency Phone: 314-982-5000

Info Phone: 314-982-5000

Cage: 62910

### **Contractor**

MALLINCKRODT SPECIALTY CHEMICALS CO

PHILLIPSBURG, NJ 08865

US

908-859-2151

Cage: 62910

### **Ingredients**

ACETONE (SARA III)

CAS: 67-64-1

RTECS: AL3150000

Fraction By Weight: 58.08%

OSHA PEL1000PPM

ACGIH TLV: 750PPM/1000STEL;9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

IN RCRA APPROVED FACILITY. DO NOT FLUSH TO

RTECS: 9999999ZZ

MATLS. CNTNRS SHD BE BONDED & GROUNDED FOR

RTECS: 9999999ZZ

BE NO SMOKING AREAS. USE NON-SPARKING TYPE TOOLS AND

RTECS: 9999999ZZ

GENERALLY PREFERRED BECAUSE IT CAN CNTRL EMISSIONS OF

RTECS: 9999999ZZ

INTO GENERAL WORK AREA. PLEASE REFER TO ACGIH

RTECS: 9999999ZZ

PRACTICES", MOST RECENT EDITION, FOR DETAILS.

RTECS: 9999999ZZ

## Hazards

LD50 LC50 Mixture:LD50: (ORAL,RAT) 9750 MG/KG.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHAL: IRRIT TO NOSE, THROAT, AND MUCOUS MEMBRANES. MAY CAUSE DIZZINESS, DULLNESS, & HEADACHE.

NARCOTIC IN HIGH CONC. INGESTION: MAY PRODUCE NARCOTIC EFTS WITH OTHER SYMPTOMS PARALLELING THOSE FROM IN HALATION EXPOSURE. SKIN: IRRITATING DUETO DEFATTING ACTION ON SKIN. MAY CAUSE REDNESS, PAIN, (SEE EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ: DRYING AND CRACKING OF SKIN. EYE:

VAPORS ARE IRRITATING TO EYES. SPLASHES MAY CAUSE SEVERE

IRRITATION, WITH REDNESS AND PAIN. CHRONIC: PROLONGED OR REPEATED SKIN CONTACT MAY PRODUCE SEVERE I RRITATION OR DERMATITIS.

Medical Cond Aggravated by Exposure:USE OF ALCOHOLIC BEVERAGES ENHANCES TOXIC EFFECTS.

## First Aid

First Aid:INHAL: REMOVE TO FRESH AIR. IF NOT BRTHG, GIVE ARTF RESP. IF BRTHG IS DFCLT, GIVE O\*2. CALL PHYS. INGEST: INDUCE VOMIT IMMED BY GIVING 2 GLASSES OF H\*2O & STICKING FINGER DOWN THROAT. NEVER GIVE ANYTH ING BY MOUTH TO UNCON PERSON. CALL PHYSIMMED. SKIN: REMOVE ANY CONTAM CLTHG. WASH SKIN W/SOAP/MILD DETERGENT & H\*2O FOR AT LEAST 15 MIN. GET MED ATTN IF IRRIT DEVELOPS/PERSISTS. EYE: WASH (SUP DAT)

## Fire Fighting

Flash Point Method:COC

Flash Point:-0F,-18C

Lower Limits:2.6%

Upper Limits:12.8%

Extinguishing Media:WATER, DRY CHEMICAL, FOAM OR CARBON DIOXIDE. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA W/FULL FACEPIECE OPER IN PRESS DEMAND/OTHER POSITIVE PRESS MODE & FULL PROT CLTHG.

H\*2O MAY BE USED TO FLUSH SPILLS AWAY (SUP DATA)

Unusual Fire/Explosion Hazard:ABOVE FLASH POINT, VAPOR-AIR MIXTURES ARE EXPLOSIVE WITHIN FLAMMABLE LIMITS NOTED ABOVE.

## Accidental Release

Spill Release Procedures:ISOLATE/ENCLOSE AREA OF LEAK/SPILL. REMOVE ALL SOURCES OF IGNIT. CLEAN-UP PERSONNEL REQ PROT CLTHG & RESP PROT FROM VAPS. CONT & RECOVER LIQ FOR RECLAMATION WHEN POS. LRGR SPILLS & LOT SIZES CAN BE CO LLECTED AS HAZ WASTE & ATOMIZED IN (SUPP DATA)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:DANGER! EXTREMELY FLAM. HARMFUL IF SWALLOWED/INHALED. CAUSES IRRIT. KEEP AWAY FROM HEAT, SPARKS & FLAME. AVOID CONTACT WITH EYES, SKIN & CLOTHING.  
Other Precautions:KEEP CNTNR CLSD. USE W/ADEQ VENT. AVOID BRTHG VAP. PROT AGAINST PHYS DAMAGE. STORE IN A COOL, DRY WELL-VENT LOCATION, AWAY FROM ANY AREA WHERE FIRE HAZ MAY BE ACUTE. OUTSIDE/DETACHED STORAGE IS PREFER RED. SEPARATE FROM OXIDIZING (ING 3)

## Exposure Controls

Respiratory Protection:IF TLV IS EXCEEDED NIOSH/MSHA APPRVD FULL FACEPIECE CHEM CARTRIDGE RESP MAY BE WORN, IN GEN, UP TO MAX USE CONC SPECIFIED BY RESP SUPPLIER. ALTERNATIVELY, A NIOSH/MSHA APPRVD SUP AIR FULL FACEPIECE RE SP/AIRLINED HOOD MAY BE WORN.  
Ventilation:SYS OF LOCAL &/OR GEN EXHST IS RECOM TO KEEP EMPLOYEE EXPOS BELOW AIRBORNE EXPOS LIMITS. LOCAL EXHST VENT IS (ING 5)  
Protective Gloves:IMPERVIOUS GLOVES .  
Eye Protection:CHEM WORK GOG & FULL LGTH FACESHLD  
Other Protective Equipment:IMPERVIOUS CLOTHING, INCLUDING BOOTS, LAB COAT, APRON/COVERALLS. EMERGENCY EYE WASH & DELUGE SHOWER .  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
FIRE FIGHT PROC: FROM EXPOS & TO DILUTE SPILLS TO NON-FLAM MIX. FIRST AID PROC: EYES W/PLENTY OF H\*2O FOR AT LEAST 15 MIN, LIFTING LOWER & UPPER EYELIDS OCCASIONALLY. GET MED ATTN. IMMED. SPILL PROC: SUITABLE RCRA APPRVD COMBUST CHAMBER/ABSORBED W/VERMICULITE, DRY SAND, EARTH/SIMILAR MATL FOR DISP AS HAZ WASTE (ING 2)

## Chemical Properties

Boiling Pt:B.P. Text:134F,57C  
Melt/Freeze Pt:M.P/F.P Text:-139F,-95C  
Vapor Pres:400 @ 395C  
Vapor Density:2.0  
Spec Gravity:0.8  
Evaporation Rate & Reference:7.7 (BUTYL ACETATE=1)  
Solubility in Water:MISCIBLE  
Appearance and Odor:CLEAR, COLORLESS, VOLATILE LIQUID. FRAGRANT, MINT-LIKE ODOR.

## Stability

Stability Indicator/Materials to Avoid:YES  
OXIDIZING MATERIALS, CHLOROFORM, ALKALIES, ACIDS, POTASSIUM T-BUTOXIDE.  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:CARBON DIOXIDE AND CARBON MONOXIDE MAY FORM WHEN HEATED TO DECOMPOSITION.

## Disposal

Waste Disposal Methods:ENSURE COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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