

## **ACETONE**

### **MSDS Number**

BGCPD

### **National Stock Number**

6810-01-003-0262

### **Product Name**

ACETONE

### **Manufacturer**

CSD INC

### **Product Identification**

Product ID:ACETONE  
MSDS Date:07/09/1986  
FSC:6810  
NIIN:01-003-0262  
MSDS Number: BGCPD

### **Responsible Party**

CSD,INC  
420 SEABOARD DR.  
MATTHEWS , NC 28105-5073  
US  
Emergency Phone: 704-821-9822  
Preparer: ROBERT SCHORIF  
Cage: JO942

### **Contractor**

CSD,INC  
687  
CONROE, TX 77305  
US  
704-821-9822  
Cage: JO942

### **Ingredients**

ACETONE (SARA III)  
CAS: 67-64-1  
RTECS: AL3150000  
Fraction By Weight: 100%  
OSHA PEL1000PPM  
ACGIH TLV: 750PPM/1000STEL;9293  
EPA Report Quantity: 5000 LBS  
DOT Report Quantity: 5000 LBS

### **Hazards**

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 9750 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EXPOSURE TO < 1000 PPM OF VAPOR CAUSES

ONLY SLIGHT EYE,NOSE & THROAT IRRIT; > 10,000 PPM LIKELY TO PRODUCE CENTRAL NERVOUS SYSTEM DEPRESSION & NARCOSIS.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1% WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:INHAL-IRRIT OF RESPIR TRACT;HIGH CONC-NARCOSIS. EYE-IRRIT. SKIN-PROLONG/REPEAT-DRYING,CRACKING,IRRIT.

Medical Cond Aggravated by Exposure:NONE GIVEN.

## First Aid

First Aid:INHAL-GET TO FRESH AIR,TREAT SYMPTOMATICALLY;GET MED ATTN IF SYMPTOMS PERSIST. EYE-IMMED FLUSH W/WATER 15 MIN;GET MED ATTN IF SYMPTOMS PRESENT AFTER WASHING. SKIN-FLUSH W/WATER WHILE REMOVING CONTAM C LOthing & SHOES.

## Fire Fighting

Flash Point Method:TCC

Flash Point:-4F(-20C)

Lower Limits:2.8

Upper Limits:13.2

Extinguishing Media:ALCOHOL TYPE FOAM,DRY CHEM,CARBON DIOXIDE,WATER SPRAY.

Fire Fighting Procedures:USE SLF-CONTND BREATH APPARAT & PROTECT CLOTH TO PREVENT SKIN/EYE CONTACT. WATER SPRAY MAY BE INEFFECT IN FIRE-FIGHT BUT CAN KEEP FIRE-EXPOS CONTNRS COOL.

Unusual Fire/Explosion Hazard:DANGER,EXTREME FLAM. VAPORS MAY CAUSE FLASH FIRE. WATER SOLNS OF ACETONE HIGHLY FLAM. 10% SOLN OF ACETONE HAS ABOUT 80F FLASH POINT.

## Accidental Release

Spill Release Procedures:ELIM ALL IGNITION SOURCES. SML SPL-COLLECT W/ABSORBENT MATLS. LGE SPL-USE WATER SPRAY TO DILUTE SPILL TO NON-FLAM MIXTURE. PREVENT RUN-OFF FM ENTERING DRAINS,SEWERS OR STREAMS.

Neutralizing Agent:NOT GIVEN.

## Handling

Handling and Storage Precautions:PREVENT BUILDUP OF VAPORS TO EXPLOSIVE CONC- USE ONLY W/CROSS VENTILATION. KEEP AWAY FM HEAT,SPARKS & OPEN FLAME. KEEP CONTNR CLOSED.

Other Precautions:AVOID BREATH CONC VAPORS,CONTACT W/EYES,REPEAT/PROLONG CONTACT W/SKIN. WASH CONTAM CLOTH BEFORE REUSE. OBSERVE ALL PRECAUTIONS HANDLING "EMPTY" CONTNRS.

## Exposure Controls

Respiratory Protection:APPROPRIATE NIOSH-APPROVED RESPIR FOR ORGANIC VAPOR SHOULD BE WORN IF NEEDED.

Ventilation:LOCAL & MECHANICAL EXHAUST RECOMMENDED.

Protective Gloves:YES

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:SAFETY SHOWER,EYE WASH.

Work Hygienic Practices:WASH CONTAM CLOTHING BEFORE REUSE.

Supplemental Safety and Health  
NONE.

## Chemical Properties

HCC:F2

Boiling Pt:B.P. Text:131F/55C

Vapor Pres:180

Vapor Density:2.0

Spec Gravity:0.79

Evaporation Rate & Reference:7.7 (N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR LIQUID,CHARACTERISTIC ODOR.

Percent Volatiles by Volume:100

## Stability

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATLS.

Stability Condition to Avoid:HEAT,OPEN FLAME.

Hazardous Decomposition Products:CARBON MONOXIDE & CARBON DIOXIDE.

## **Disposal**

Waste Disposal Methods:MIX W/COMPATIBLE CHEM WHICH IS LESS COMBUSTIBLE & INCINERATE. OBSERVE ALL FED,STATE & LOCAL LAWS.

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