

COLUMBUS CHEMICAL INDUSTRIES INC -- ACETONE -- 6810-00-194-9477

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Product Identification  
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Product ID:ACETONE  
MSDS Date:07/25/1995  
FSC:6810  
NIIN:00-194-9477  
MSDS Number: CBQDX  
=== Responsible Party ===  
Company Name:COLUMBUS CHEMICAL INDUSTRIES INC  
Address:N 4335 TEMKIN RD  
City:COLUMBUS  
State:WI  
ZIP:53925  
Country:US  
Info Phone Num:414-623-2140 FAX:414-623-2577  
Emergency Phone Num:800-424-9300  
CAGE:5Y144  
=== Contractor Identification ===  
Company Name:COLUMBUS CHEMICAL INDUSTRIES INC  
Address:N 4335 TEMKIN RD  
Box:8  
City:COLUMBUS  
State:WI  
ZIP:53925-0008  
Country:US  
Phone:920-623-2140  
CAGE:5Y144

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Composition/Information on Ingredients  
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Ingred Name:ACETONE (SARA 313) (CERCLA)  
CAS:67-64-1  
RTECS #:AL3150000  
Fraction by Wt: >99.5%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1000 PPM  
ACGIH TLV:750PPM/1000STEL;9495  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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===== Hazards Identification =====  
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LD50 LC50 Mixture:LD50 (ORAL RAT) IS 9,750 MG/KG

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:EYE: LIQUID IS SEVERELY IRRITATING TO THE EYE. SKIN: LIQUID IS MILDLY IRRITATING TO THE SKIN. INHALATION: HIGH VAPOR CONCENTRATIONS MAY PRODUCE CENTRAL NERVOUS SYSTEM DEPRESSION. INGESTION: MAY PRODUC E CENTRAL NERVOUS SYSTEM DEP

RESSION.

Explanation of Carcinogenicity:ACETONE IS NOT LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN BY NTP, IARC, OR REGULATED BY OSHA.

Effects of Overexposure:DEFATTING AND DRYING OF THE SKIN, SKIN IRRITATION, DERMATITIS, EARLY TO MODERATE CNS DEPRESSION, GIDDINESS, HEADACHE, NAUSEA, AND IN EXTREME CASES, UNCONSCIOUSNESS AND DEATH MAY OCCUR.

Medical Cond Aggravated by Exposure:EYE AND SKIN DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO ACETONE.

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

First Aid:INHALATION-REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING DIFFICULT. GET MEDICAL ATTENTION. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES, HOLD LIDS OPEN. GET IMMEDIATE MEDICAL ATTENTION. SKIN: FLUSH S KIN WITH WATER. GET MEDICAL ATTENTION. INGESTED: GET IMMEDIATE MEDICAL ATTENTION.

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===== Fire Fighting Measures =====  
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Flash Point Method:TCC

Flash Point:0F,-18C

Lower Limits:2.6

Upper Limits:12.8

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tinguishing Media:WATER FOG, ALCOHOL FOAM, DRY CHEMICAL, OR CARBON DIOXIDE.

Fire Fighting Procedures:DANGER: EXTREMELY FALMMABLE, CLEAR FIRE AREA OF UNPROTECTED PERSONNEL AND ISOLATE. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR.

Unusual Fire/Explosion Hazard:CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT PRESSURE BUILDUP WHICH COULD RESULT IN CONTAINER RUPTURE.

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===== Accidental Release Measures =====  
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Spill Release Procedures:DANGER: EXTREMELY FLAMMABLE. ELIMINATE ALL IGNITION SOURCES. HANDLING EQUIPMENT MUST BE GROUNDED TO PREVENT SPARKING. DIKE AND CONTAIN. WATER FOG MAY BE USEFUL IN SUPPRESSING VAPOR CLOUD. CONTAIN RUN- OFF. FLUSH AREA WITH WATER/ REMOVE TRACE RESIDUE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:GROUND/BOND CONTAINERS DURING TRANSFERS. USE

NON-SPARKING TOOLS. EXTINGUISH PILOT LIGHTS, CIGARETTES AND TURN OFF OTHER SOURCES OF IGNITION PRIOR TO U

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE VAPORS. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. CONTAINERS, EVEN THOSE THAT HAVE BEEN EMPTIED, CAN CONTAIN EXPLOSIVE VAPORS. DO NOT CUT, DRILL WE LD NEAR CONTAINERS.

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

Respiratory Protection:(HMIS) IF ENGINEERING CONTROLS FAIL OR NON

-ROUTINE USE OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE OR SUPPLIED AIR RESPIRATOR OR SCBA, AS REQUIRED. USE IAW OSH A 1910.134.

Ventilation:USE ADEQUATE EXPLOSION-PROOF MECHANICAL VENTILATION TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:(HMIS) RUBBER, BUTYL

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER. HMIS-EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:

OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

(HMIS) DO NOT WEAR CONTACT LENSES. NOTE FOR DOCTORS: ASPIRATION OF PRODUCT DURING INDUCE EMESIS CAN RESULT IN LUNG INJURY. IF EVACUATION OF STOMACH CONTENTS IS CONSIDERED NECESSARY, USE METHOD LEAST LIKELY TO CAUSE ASPIRATION, SUCH AS GASTRIC LAVAGE AFTER ENDOTRACHEAL INTUBATION.

==== Physical/Chemical Propertie =====

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HCC:F2

Boiling Pt:B.P. Text:133F,56C

Melt/Freeze Pt:M.P/F.P Text:-139F,-95C

Vapor Pres:185.5

Vapor Density:2.0 (AIR=1

Spec Gravity:0.79

Evaporation Rate & Reference:5.6 (N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS, MOBILE LIQUID, MILD ODOR.

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:

AVOID HEAT, SPARKS, FLAME. PREVENT VAPOR  
ACCUMULATION.

Hazardous Decomposition Products:CARBON MONOXIDE AND UNIDENTIFIED  
ORGANIC COMPOUNDS

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

Waste Disposal Methods:(HMIS) CURRENTLY THIS PRODUCT EXHIBITS THE  
CHARACTERISTICS OF ACETONE, EPA/RCRA WASTE NUMBER U002. PRODUCT  
USES TRANSFORMATIONS, MIXTURES ETC MAY CHANGE THE CHARACTERISTICS,  
THENCE THE CLASSIFICATION TO OTHER THAN OR IN ADDITION TO ACETONE.

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