

===== Product Identification =====

Product ID:ACETONE

MSDS Date:12/05/1990

FSC:6810

NIIN:00-264-8955

MSDS Number: BJMXR

=== 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:COL

UMBUS 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

===== Composition/Information on Ingredients =====

Ingred Name:ACETONE (SARA III)

CAS:67-64-1

RTECS #:AL3150000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1000PPM

ACGIH TLV:750PPM/1000STEL;9394

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:BENZENE (SARA III)

CAS:71-43-2

RTECS #:CY1400000

Fraction by Wt: 30%PP

M
Other REC Limits:NONE SPECIFIED
OSHA PEL:1PPM/5STEL;1910.1028
ACGIH TLV:10 PPM; A2; 9192
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL RAT) IS >8,500 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:ACUTE: INHALATION MAY CAUSE
RESPIRATORY IRRITATION AND CNS EFFECTS. CONTACT MAY CAUSE SKIN AND
EYE IR
RITATION. INGESTION MAY CAUSE GI TRACT DISTRESS. ASPIRATION
DURING INHALATION/INGESTION/VOMITING MA Y CAUSE CHEMICAL
PNEUMONIA/LUNG DAMAGE.CHRONIC: PROLONGED OR REPEATED EXPOSURE MAY
CAUSE MORE SEVERE SKIN IRRITATION.
Explanation of Carcinogenicity:ACETONE IS NOT LISTED AS A CARCINOGEN OR
SUSPECTED CARCINOGEN BY NTP, IARC, OR REGULATED BY OSHA.
Effects of Overexposure:INHALED: COUGHING, SHORTNESS OF BREATH,
HEADACHE, NAUSEA, VOMITING, DIZZINESS, EUPHORIA, LOSS OF
COORDINA
TION, DISORIENTATION. EYES: DISCOMFORT, EXCESS REDNESS,
SWELLING OF EYE. SKIN: DISCOMFORT, LOCA L REDNESS, SWELLING.
Medical Cond Aggravated by Exposure:PRE-EXISTING DERMATITIS MAY BE
AGGRAVATED BY EXPOSURE.

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

First Aid:INHALATION-REMOVE TO FRESH AIR. GIVE OXYGEN IF BRETAKING
DIFFICULT; GIVE ARTIFICIAL RESPIRATION IF BREATHING STOPPED. GET
MEDICAL ATTENTION. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES,
HOL
D LIDS OP EN. GET IMMEDIATE MEDICAL ATTENTION. SKIN: WASH WITH
SOAP AND WTAER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.
INGESTED: GET IMMEDIATE MEDICAL ATTENTION. INDUCE VOMITING ONLY
UNDER DR'S ADVICE.

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

Flash Point:-4F,-20C
Lower Limits:2.6
Upper Limits:12.8
Extinguishing Media:DRY CHEMICAL, FOAM, OR CARBON DIOXIDE.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQ

UIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:DANGER! EXTREMELY FLAMMABLE MATERIAL MAY
RELEASE VAPORS THAT TRAVEL A LONG DISTANCE TO SOURCE OF IGNITION
AND FLASH BACK. CONTAINERS MAY EXPLODE IN A FIRE.

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

Spill Release Procedures:ISOLATE AND DENY ENTRY. WEAR PROPER PROTECTIVE
CLOTHING. ELIMINATE ALL SOURCES OF IGNITION. VENTILATE AREA.
STAY
UPWIND. CONTAIN SPILL IF POSSIBLE. REMOVE WITH INERT ABSORBENT.
PREVENT ENTRY INTO SEWERS AND WATERWAYS.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:TRANSPORT, HANDLE AND STORE IAW OSHA
1910.106 AND APPLICABLE DOT REGULATIONS. GROUND AND BOND CONTAINERS
DURING TRANSFERS. USE NON-SPARKING TOOLS.
Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE VAPORS. AVOID
CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION.

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

Respiratory Protection: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 OSHA 1910.134.

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

Protective Gloves: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

DO NOT WEAR CONTACT LENSES. NOTE FOR DOCTORS: ASPIRATION OF PRODUCT
DURING INDUCED EMESIS CAN RESULT IN LUNG INJURY. IF EVACUATION OF
STOMACH CONTENTS IS CONSIDERED

DERED NECESSARY, USE METHOD LEAST LIKELY
TO CAUSE ASPIRATION, SUCH AS GASTRIC LAVAGE AFTER ENDOTRACHEAL
INTUBATION.

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

HCC:F2
Boiling Pt:B.P. Text:134F,57C
Vapor Pres:157 MM HG
Vapor Density:2.0
Spec Gravity:0.791
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR, COLORLESS LIQUID
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to A
void:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER. HMIS-AVOID
EXPOSURE/CONTACT WITH SOURCES OF IGNITION AND STRONG OXIDIZING
AGENTS.
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
IRRITATING ALDEHYDES, AND KETONES.

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

Waste Disposal Methods:CURRENTLY THIS PRODUCT EXHIBITS THE
CHARACTERISTICS OF ACETONE, EPA/RCRA WASTE NUMBER U002. PRODUCT
USES TRNAS
FORMATIONS, MIXTURES ETC MAY CHANGE THE CHARACTERISTICS,
THENCE THE CLASSIFICATION TO OTHE R THAN OR IN ADDITION TO ACETONE.

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