

CORCO CHEMICAL CORP -- ACETONE,1001 -- 6810-00-264-8955

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Product Identification
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Product ID:ACETONE,1001

MSDS Date:05/02/1991

FSC:6810

NIIN:00-264-8955

MSDS Number: BQDJS

=== Responsible Party ===

Company Name:CORCO CHEMICAL CORP

Address:TYBURN RD AND CEDAR LN

City:FAIRLESS HILLS

State:PA

ZIP:19030-4601

Country:US

Info Phone Num:215-295-5006

Emergency Phone Num:215-295-5006

CAGE:58571

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== Contractor Identification ==

Company Name:CORCO CHEMICAL CORP

Address:TYBURN RD AND CEDAR LN

Box:City:FAIRLESS HILLS

State:PA

ZIP:19030-4601

Country:US

Phone:215-295-5006

CAGE:58571

Company Name:DYNATECH SCIENTIFIC INC

Address:1401 27TH ST

Box:640164

City:KENNER

State:LA

ZIP:70064

Country:US

Phone:504-465-9604

CAGE:0VL27

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Composition/Information on Ingredients
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Ingred Name:ACETONE (SARA III)

CAS:67-64-1

RTECS #:AL3150000

Other REC Limits:NONE RECOMMENDED

OSHA P

EL:1000PPM
ACGIH TLV:750PPM/1000STEL;9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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===== Hazards Identification =====
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LD50 LC50 Mixture:TLV FOR ACETONE IS 750 PPM/1780 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:ACUTE-EYE:IRRITATING & MAY INJURE EYE
IF NOT REMOVED PROMPTLY.SKIN:DEFATTING.INHALE:HIGH VAPOR
CONCENTRATION MAY CAUSE NARCOTIC EFFECTS,DI
ZZINESS,SLOW
PULSE,COMA,LIVER & KIDNEY DAMAGE.INGEST:200 ML MA Y CAUSE COMA
WHICH MAY LAST 12
HRS.CHRONIC-EYE:CONJUNCTIVITIS.SKIN:DERMATITIS.INHALE:INFLAMMATION
OF RESPIRATORY TRACT.

Effects of
Overexposure:IRRITANT/NARCOTIC.INHALE:HEADACHE,DIZZINESS,DROWSINESS
,NAUSEA,VOMITING,ANOREXIA,RESTLESSNESS,DYSPNEA.SKIN:DRYING,CRACKING
& DEFATTING.EYE:IRRITATION.INGESTION:A FRUITY ODOR OF THE
BREATH,KETOSIS (MAY BE FATAL),FLUSHED CHEEKS,SHALLOW
RESPIRATION,GLUCOSURIA
,RESTLESSNESS,VOMITING,GASTROINTESTINAL
IRRITATION.

Medical Cond Aggravated by Exposure:PERSONS WITH CHRONIC RESPIRATORY OR
SKIN DISEASES MAY BE AT AN INCREASED RISK FROM EXPOSURE.

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===== First Aid Measures =====
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First Aid:GET PROMPT MEDICAL ATTENTION IN ALL CASES.INHALED:REMOVE TO
FRESH AIR.PROVIDE CPR/OXYGEN IF NEEDED.EYES:IMMEDIATELY FLUSH WITH
WATER FOR 15-20 MINUTES HOLDING EYELIDS OPEN.SKIN:WASH WELL WITH
SOAP & W ATER.ORAL:IF CONS
CIOUS,DRINK 2-4 GLASSES OF WATER & INDUCE
VOMITING.GET MEDICAL HELP IMMEDIATELY.

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===== Fire Fighting Measures =====
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Flash Point Method:CC
Flash Point:0F,-18C
Lower Limits:2.6%
Upper Limits:12.8%
Extinguishing Media:DRY CHEMICAL,CO2,ALCOHOL FOAM,HALON/WATER.USE WATER
SPRAY TO COOL FIRE-EXPOSED CONTAINERS.WATER MAY BE INEFFECTIVE.
Fire Fighting Procedures:WEAR NIOSH-APPROVED+PRESSURE SELF-CONTAINED
BREATHING APPARATUS WITH FULL FACEPIECE.KEEP UPWIND.

EXTINGUISH ONLY

IF FLOW CAN BE STOPPED(UNMANNED HOSE)/LET BURN.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE TOXIC OXIDES OF CARBON. VAPORS MAY TRAVEL TO SOURCE OF IGNITION AND FLASH BACK. CONTAINER MAY EXPLODE IN HEAT OF FIRE.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA. ELIMINATE SOURCES OF IGNITION. STOP LEAK IF POSSIBLE. NOTIFY AUTHORITIES IF 5,000 LBS/MORE IS SPILLED (800-424-8802). CONTAIN LIQUID WITH SAND/EARTH. RECOVER BY PUMPING (EXPLOSION PROOF)/SUITABLE ABSORBENT.
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORAGE- STORE IN COOL, DRY, WELL VENTILLATED AREA, AWAY FROM HEAT, SPARKS, FLAMES AND INCOMPATIBLE SUBSTANCES.
Other Precautions:AVOID BREATHING VAPOR/MIST. AVOID CONTACT WITH EYES & SKIN. STORE WITH ADEQUATE VENTILATION. SHOULD BE STORED IN CONTAINERS WHICH MEET THE GROUNDING & BONDING GUIDELINES SPECIFIED IN NFPA 77-1983. CON TAINER MAY EXPLODE IN HEAT OF FIRE.

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

Respiratory Protection:NIOSH APPROVED CHEMICAL CARTRIDGE RESPIRATOR/POWERED AIR-PURIFYING RESPIRATOR. FOR EMERGENCY USE SELF-CONTAINED BREATHING APPARATUS/SUPPLIED-AIR RESPIRATOR WITH FULL FACEPIECE OPERATED IN POSITIVE PRE SSURE MODE.
Ventilation:USE EXPLOSION-PROOF VENTILATION EQUIPMENT. THE USE OF MECHANICAL DILUTION VENTILATION IF MATERIAL IS HEATED/AGITATED.
Protective Gloves:CHEMICAL RESISTANT GLOVES.
Eye Protection:CHEMICAL SAFETY GOGGLES
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING, APRON, AND BOOTS IF SPILLS OR SPLASHING CAN OCCUR.
Work Hygienic Practices:WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.
Supplemental Safety and Health
DA

NGER! EXTREMELY FLAMMABLE. POISON. DO NOT DRINK. FOR RESEARCH AND
MANUFACTURING ONLY. NOT FOR DRUG USE. KEEP AWAY FROM REACH OF
CHILDREN.

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

HCC:F2

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

Melt/Freeze Pt:M.P/F.P Text:-138F,-94C

Vapor Pres:180 @ 20C

Vapor Density:2.0

Spec Gravity:0.7972

Evaporation Rate & Reference:14.48 (N-BUTYL ACETATE=1)

Solubility in Water:MISCIBLE

Appearance and Odor:CLEAR, COLORLESS, VOLATILE LIQUID - MINT
LIKE ODOR

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, ACIDS, HYDROGEN PEROXIDE, CHROMIC ANHYDRIDE,
CHLOROFORM, ACTIVATED CARBON, NITRIC + ACETIC ACID, OLEUM

Stability Condition to Avoid:HIGH HEAT, SPARKS, STATIC ELECTRICITY, HOT
SURFACES, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:THERMAL DECOMPOSITION PRODUCTS MAY
INCLUDE TOXIC OXIDES OF CARBON.

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

Waste Disposal Methods:CONSULT AN EXPERT ON DISPOSAL OF RECOVERED
MATERIAL AND ENSURE CONFORMITY TO LOCAL DISPOSAL REGULATIONS.
RUN-OFF TO SEWER MAY CREATE FIRE OR EXPLOSION HAZARD.

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