

EMERALD CITY CHEMICAL INC/DBA ECCI SCIENTIFIC -- ACETONE -- 6810-00-184-4796

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Product Identification
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Product ID:ACETONE

MSDS Date:10/20/1987

FSC:6810

NIIN:00-184-4796

MSDS Number: BWDTL

=== Responsible Party ===

Company Name:EMERALD CITY CHEMICAL INC/DBA ECCI SCIENTIFIC

Address:2300 SW SPOKANE ST

City:SEATTLE

State:WA

ZIP:98106

Country:US

Info Phone Num:206-932-5511

Emergency Phone Num

:206-932-5511/713-870-6885

CAGE:4J479

=== Contractor Identification ===

Company Name:EMERALD CITY CHEMICAL INC/DBA ECCI SCIENTIFIC

Address:2300 SW SPOKANE ST

Box:City:SEATTLE

State:WA

ZIP:98106

Country:US

Phone:206-932-5511

CAGE:4J479

Company Name:EMERALD CITY CHEMICAL, INC. (SEE SUPPLEMENTAL)

Address:1409 EAST MADISON

Box:City:SEATTLE

State:WA

ZIP:98122

Country:US

CAGE:0C334

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Composition/Information on Ingredients
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Ingred Name:ACETONE (SARA 313) (CERCLA)

CAS:67-64-

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RTECS #:AL3150000
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 =====

LD50 LC50 Mixture:TLV IS 750 PPM (1780 MG/M3).
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, LUNG, CNS.
ACUTE- EYE:WILL INJURE EYE IF NOT REMOVED PROMPTLY. SKIN
:MAY CAUSE
DERMATITIS. INHALE:MAY CAUSE RESPIRATORY TRACT IRRITATION,
HEADACHES, DIZZINESS, ANESTHETIC & CNS EFFECTS. ORAL:MINIMAL
TOXICITY. ASPIRATION HAZARD. CHRONIC- DRYNESS, DEFATTING &
DERMATITIS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:HEADACHE, DIZZINESS, DROWSINESS, NAUSEA,
VOMITING, RESTLESSNESS, DRYING, CRACKING AND DEFATTING OF SKIN, EYE
IRRITATION, GASTROINTESTINAL IRRITATION, RESPIRATORY TRACT
IRRITATION
Medical Cond Aggravated by Exp
osure:PERSONS WITH CHRONIC RESPIRATORY OR
SKIN DISEASES MAY BE AT AN INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED.
GET PROMPT MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH WATER FOR
AT LEAST 15 MINUTES, HOLDING EYELIDS OPEN. CALL PHYSICIAN.
SKIN:WASH WELL WITH SOAP & WATER. ORAL:FIRST AID IS NORMALLY NOT
REQUIRED. GET MEDICAL HELP IF NEEDED.

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

Flash Point Method:TCC
Flash Point:0F,-18C
Autoignition Temp:Autoignition Temp Text:1000F
Lower Limits:2.6
Upper Limits:13.0
Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, ALCOHOL FOAM,
HALON/WATER. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS.
Fire Fighting Procedures:WEAR NIOSH-APPROVED+PRESSURE SELF-CONTAINED
BREATHING APPARATUS WITH FULL FACEPIECE. STOP LEAK IF POSSIBLE AND
COVER WITH ALCOHOL FOAM OR LET IT BURN.

Unusual Fire/Explosion Hazard:CONTAINER MAY EXPLODE DUE TO EXTREME HEAT. VAPORS HEAVIER THAN AIR AND MAY TRAVEL TO AN IGNITION SOURCE AND FLASH BACK.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA. ELIMINATE SOURCES OF IGNITION. STOP LEAK IF POSSIBLE. CONTAIN LIQUID WITH SAND/EARTH. RECOVER BY PUMPING (EXPLOSION PROOF)/NON-FLAMMABLE ABSORBENT MATERIALS. PREVENT LIQUID FROM ENTERING

SEWERS, WATERWAYS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE AT AMBIENT TEMPERATURES, IN WELL VENTILATED AREA AWAY FROM SPARKS, FLAMES, OTHER SOURCES OF IGNITION & INCOMPATIBLE SUBSTANCES.

Other Precautions:AVOID BREATHING VAPORS. AVOID CONTACT WITH EYES & SKIN. SHOULD BE STORED IN CONTAINERS WHICH MEET THE GROUNDING & BONDING GUIDELINES SPECIFIED BY NFPA. KEEP OUT OF REACH OF C

HILDREN. WASH THOROUGHLY A FTER HANDLING.

===== 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:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:

NATURAL RUBBER IF CONTACT IS POSSIBLE

Eye Protection:SAFETY GOGGLES IF CONTACT IS POSSIBLE

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

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

HCC:F2

NRC/State Lic Num:NO

T RELEVANT

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

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

Vapor Pres:213 @ 75F

Vapor Density:2.0

Spec Gravity:0.79

Evaporation Rate & Reference:11.6 (N-BUTYL ACETATE=1)

Solubility in Water:100% @ 68F

Appearance and Odor:CLEAR, COLORLESS, VOLATILE LIQUID WITH A
CHARACTERISTIC ODOR

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

Stability Indicator/Materials to Avoid:YES

CAUSTICS, AMINES, ALKANOLAMINES, ALDEHYDES, AMMONIA, STRONG OXIDIZING
AG

ENTS AND CHLORINATED COMPOUNDS

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, STATE AND FEDERAL DISPOSAL
REGULATIONS. RUN-OFF TO S

EWER MAY CREATE FIRE OR EXPLOSION HAZARD.

EPA "HAZARDOUS WASTE" (IGNITIBLE), IF DISCARDED D001. RQ IS 5000
POUNDS.

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