

SPECTRUM CHEMICAL MANUFACTURING CORP. -- ACETONE -- 6810-01-003-0262

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

Product ID:ACETONE

MSDS Date:07/18/1989

FSC:6810

NIIN:01-003-0262

MSDS Number: BMSYM

=== Responsible Party ===

Company Name:SPECTRUM CHEMICAL MANUFACTURING CORP.

Address:14422 SOUTH SAN PEDRO STREET

City:GARDENA

State:CA

ZIP:90248-2027

Country:US

Info Phone Num:213-516-8000

Emergency Phone Num:

213-516-8000

Preparer's Name:C.A. EISENHARD

CAGE:63415

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:SPECTRUM LABORATORY PRODUCTS INC

Address:14422 S SAN PEDRO ST

Box:City:GARDENA

State:CA

ZIP:90248-2027

Country:US

Phone:310-516-8000/FAX: 310-516-9843

CAGE:63415

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

Ingred

Name:ACETONE (SARA III)
CAS:67-64-1
RTECS #:AL3150000
Fraction by Wt: >99.0%
OSHA PEL:750PPM/1000 STEL
ACGIH TLV:750PPM/1000STEL;9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 9750 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACETONE IS A SKIN, EYE AND MUCOUS
MEMBRANE IRRITANT AND C
ENTRAL NERVOUS SYSTEM DEPRESSANT.
Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS
CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.
Effects of Overexposure:IRRITATION, HEADACHE, DIZZINESS, ANOREXIA,
KIDNEY DAMAGE, FATAL KETOSIS, POSSIBLE CHRONIC GENERAL WEAKNESS
ACCOMPANIED BY HEMATOLOGIC CHANGES, VERTGRO AND COUGHING. HYPEREMIA
HAS BEEN DEMONSTRATED IN HUMANS, STINGING OF EYES, CONJUNCTIVITIS,
GASTROENTERIC IRRITATION, RESTLESSNESS, VOMITING, HEPATOR
ENAL
LESIONS.
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS
OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR
RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.
GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER
FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN:

REMOV E CONTAMINATED CLOTHING. WASH WITH SOAPAND WATER. IF
IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE
VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE
MEDICAL ATTENTION.

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

Flash Point Method:TCC
Flash Point:-4F,-20C
Lower Limits:2.5 %
Upper Limits:13.0 %
Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER
FOG.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD US

E NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:SHUT OFF IGNITION SOURCES. STOP LEAK IF YOU
CAN DO IT WITHOUT RISK. USE WATER SPRAY TO REDUCE VAPORS. TAKE UP
WITH SAND OR ABSORBENT MAT
ERIAL AND PLACE INTO CONTAINERS FOR
DISPOSAL. ISOLATE AREA.
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED
AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT
CONTAINERS FROM PHYSICAL DAMAGE.
Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID
PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES.
USE WITH ADEQ
UATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED
IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.
Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.
Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER
Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER,WORK
CLOTHING AND APRON AS REQUIRED.

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

Supplemental Safety and Health
AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO
NOT BREATHE VAPORS OR MISTS. ALCOHOLIC BEVERAGES ENHANCE THE TOXIC
EFFECTS OF ACETONE EXPOSURE.

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

HCC:F2
Boiling Pt:B.P. Text:133F,56C
Melt/Freeze Pt:M.P/F.P Text:-137F,-94

C

Vapor Pres:180

Vapor Density:NOT GIVEN

Spec Gravity:0.79

Evaporation Rate & Reference:14 (N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS/ VOLATILE LIQUID WITH CHARACTERISTIC,
SWEETISH, FRAGRANT, MINT ODOR

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

Stability Indicator/Materials to Avoid:YES

BROMINE, CHLOROFORM, CHROMIUM TRIOXIDE, HYDROGEN PEROXIDE, NITRIC ACID,
SULFUR DICHLORIDE

Stability Condition to Avoid:HIGH TEMPERATURES,
SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND
OTHER UNIDENTIFIED COMPONENTS.

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

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES.DISPOSAL MUST BE MADE
IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND
REGULATIONS.

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