

SPECTRUM CHEMICAL MFG CORP. -- ACETIC ANHYDRIDE -- 6810-00-063-6992

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Product Identification
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Product ID:ACETIC ANHYDRIDE

MSDS Date:10/05/1989

FSC:6810

NIIN:00-063-6992

MSDS Number: BVZDJ

=== Responsible Party ===

Company Name:SPECTRUM CHEMICAL MFG CORP.

Address:14422 SOUTH SAN PEDRO STREET

City:GARDENA

State:CA

ZIP:90248-2027

Country:US

Info Phone Num:310-516-8000

Emergency Phone Num:80

0-424-9300

CAGE:63415

=== Contractor Identification ===

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

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

CAS:108-24-7

RTECS #:AK1925000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 PPM

ACGIH TLV:5 PPM; 9394

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5

000 LBS

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

LD50 LC50 Mixture:LD 50 ORAL RAT IS 1780 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:ACUTE: CORROSIVE. LACRIMATOR. SEVERE EYE BURNS. SKIN SENSITIZER. TOXIC BY INHALATION. MODERATELY TOXIC BY INGESTION. SLIGHTLY TOXIC BY DERMAL ABSORPTION. CHRONIC: MOUTH ULCERATION. POSSIBLE BRONCHIAL AND GASTROINTESTINAL DISTURBANCES.

Explanation of Carcinogenicity:NONE OF THE INGREDIENTS IN THIS PRODUCT IS LISTED BY NTP, IARC OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYES: PAIN, LACRIMATION, BLURRED VISION, INFLAMMATION. POSSIBLE LOSS OF VISION. SKIN: SEVERE BURNS, WHITE WRINKLED SKIN, BLISTERS, DERMATITIS. INHALATION: HARSH COUGH, CHOKING, WHEEZING, CHEST PAINS, PULMONARY EDEMA WHICH MAY BE FATAL. INGESTION: SEVERE BURNS OF MOUTH, ESOPHAGUS, STOMACH WITH PAIN, VOMITING, DIARR

HEA.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH A HISTORY OF EYES, SKIN AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SEE DOCTOR IMMEDIATELY. SKIN: REMOVE CONTAMINATED CLOTHING AND SHOES. WASH WITH SOAP AND WATER. COVER WITH DRY DRESSING. BANDAGE. SEE DOCTOR IMMEDIATELY. INHALATION: REMOVE VICTIM TO FRESH AIR.

GIVE OXYGEN/CPR IF NEEDED. SEE DOCTOR IMMEDIATELY. INGESTION: DRINK LARGE AMOUNTS OF WATER OR MILK. DO NOT INDUCE VOMITING. SEE DOCTOR IMMEDIATELY.

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

Flash Point Method:CC

Flash Point:120F,49C

Lower Limits:2.7

Upper Limits:10.3

Extinguishing Media:CARBON DIOXIDE,HALON,DRY CHEMICAL,ALCOHOL FOAM.WATER SPRAY MAY BE INEFFECTIVE AS AN EXTINGUISHANT.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AN

D A

FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.KEEP UPWIND OF FIRE.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR,CAN TRAVEL DISTANCES ALONG THE GROUND,AND FLASHBACK AT THE SOURCE.

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

Spill Release Procedures:KEEP COMBUSTIBLES (WOOD,PAPER,OIL,ETC.) AWAY FROM SPILL.REMOVE PERSONNEL.ELIMINATE IGNITION SOURCES.VENTILATE AREA.WEAR PROTECTIVE CLOTHING AND SCBA.ABSORB IN INERT CEMENT POWDER OR FLY ASH AND PLACE IN APPROPRIATE DISPOSAL CONTAINER AND COVER.

Neutralizing Agent:CAUSTIC SODA

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE, HEAT, IGNITION SOURCES AND INCOMPATIBLE MATERIALS. KEEP CONTAINERS CLOSED.

Other Precautions:GROUND CONTAINERS WHEN TRANSFERRING LIQUID.OUTSIDE STORAGE IS PREFERRED;AVOID PITS OR DEPRESSIONS.INSIDE STORAGE SHOULD BE IN A STANDARD FLAMMABLE LIQUID STORAGE CABINET IAW NFPA 49.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR A NOISH/MSHA APPROVED RESPIRATOR FOR ACID GAS,DEPENDING ON THE AIRBORN CONCENTRATION.

Ventilation:LOCAL EXHAUST VENTILATION TO KEEP EXPOSURE LEVELS BELOW PEL. USE EX

PLOSION PROOF EQUIPMENT.

Protective Gloves:PVC GLOVES.

Eye Protection:SAFETY GOGGLES AND FACESHIELD.

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health
NONE.

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

HCC:F6

Boiling Pt.=140.C, 2

84.F
Melt/Freeze Pt:=-72.8C, -99.F
Vapor Pres:10
Vapor Density:3.52
Spec Gravity:1.082
Evaporation Rate & Reference:0.46 (BUTYL ACETATE = 1)
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR, COLORLESS MOBILE LIQUID WITH A VERY SHARP,
STRONG, PUNGENT VINEGAR ODOR.
Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:NO
AVOID CONTACT WITH WATER, ACIDS AND OXIDIZING AGENTS, COMBUSTIBLE
MATERIAL
S.
Stability Condition to Avoid:AVOID CONTACT WITH WATER. SLOWLY
HYDROLIZES. ACETIC ACID FORMED MAY CATALIZE A VIOLENT, EXOTHERMIC
REACTION.
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE.

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

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.
DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL
REGULATIONS.EPA CODE IS D001(IGNITABLE).

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