

SPECTRUM CHEMICAL MANUFACTURING CORP. -- ACETONE -- 6810-00-264-8955

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Product Identification  
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Product ID:ACETONE

MSDS Date:12/17/1996

FSC:6810

NIIN:00-264-8955

MSDS Number: BHXSB

=== 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:

315-516-8000

Preparer's Name:E. BRULL

Chemtec Ind/Phone:(800)424-9300

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:COMPTECH CORP

Address:15944 DERWOOD RD

Box:City:ROCKVILLE

State:MD

ZIP:20855

Country:US

Phone:800-284-5279; 301-519-3401

Contract Num:SP0450-00-M-SA06

CAGE:0BR38

Company Name:INDUSTRIAL CHEMICAL COMMODITIES INC

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Address:15944 DERWOOD RD  
Box:City:ROCKVILLE  
State:MD  
ZIP:20855  
Country:US  
Phone:800-284-5279  
CAGE:1ELU0  
Company Name:LOS ANGELES CHEMICAL CO

Address:4545 ARDINE ST  
Box:1987  
City:SOUTH GATE  
State:CA  
ZIP:90280  
Country:US  
Phone:213-562-9500  
Contract Num:SP0450-99-M-C379  
CAGE:75656  
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  
Company Name:SPRINGFIELD SCIENTIFIC SUPPLY CO.

Box:UNKNOW  
CAGE:NO740  
Company Name:TELECHEM INTERNATIONAL, INC  
Address:524 E WEDDELL DRIVE SUITE 3  
Box:City:SUNNYVALE  
State:CA  
ZIP:94089-2115  
Country:US  
Phone:916-941-3688  
Contract Num:SP0450-01-M-D669  
CAGE:1KH20

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

Ingred Name:ACETONE  
CAS:67-64-1  
RTECS #:AL3150000  
= Wt:100.  
Other REC Limits:NOT PROVIDED  
OSHA PEL:2400 MG/M3;1000 PPM  
ACGIH TLV:1780 MG/M3;750 PPM  
ACGIH STEL:2380 MG/M3;1000 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:500

0 LBS

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===== Hazards Identification =====  
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LD50 LC50 Mixture:LD50 (ORAL, RAT) 5,800 MG/KG

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:POTENTIAL ACUTE HEALTH EFFECTS:

SLIGHTLY DANGEROUS TO DANGEROUS IN CASE OF SKIN CONTACT (PERMEABLE), OF EYE CONTACT (IRRITANT), OF INGESTION, OF INHALATION. VERY SLIGHTLY TO SLIGHTLYDANGEROUS IN CASE OF SKIN CONTACT (IRRITANT, SENSITIZER). THIS PRODUCT MAY IRRITATE EYES A

ND

SKIN UPON CONTACT. POTENTIAL CHRONIC HEALTH EFFECTS: SLIGHTLY DANGEROUS TO DANGEROUS IN CASE OF SKIN CONTACT (PERMEABLE), OF EYE CONTACT (IRRITANT), OF INGESTION, OF INHALATION. VERY SLIGHTLY TO SLIGHTLYDANGEROUS IN CASE OF SKIN CONTACT (IRRITANT, SENSITIZER). REPEATED OR PROLONGED EXPOSURE TO THE SUBSTANCE CAN PRODUCE TA RGET ORGANS DAMAGE.

Explanation of Carcinogenicity:CLASSIFIED A5 BY ACGIH.

Effects of Overexposure:NOT PROVIDED

Medical Cond Aggravated by Exposure

:NOT PROVIDED

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===== First Aid Measures =====  
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First Aid:EYE: CHECK AND REMOVE CONTACT LENSES. IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES HOLDING EYELIDS OPEN. DO NOT USE AN EYE OINTMENT. SEEK MEDICAL ATTENTION. SKIN: GENTLY AND THOROUGHLY WA SH WITH RUNNING WATER AND NON-ABRASIVE SOAP. INHALATION: REMOVE TO FRESH AIR. LOOSEN TIGHT CLOTHING. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF VICTIM IS NOT BREATHING, PERFO

RM MOUTH-TO-MOUTH RE SUSCITATION. ( WARNING: IT MAY BE DANGEROUS TO DO SO). SEEK IMMEDIATE MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. HAVE CONSCIOUS PERSON DRINK SEVERAL GLASSES OF WATER OR MILK. SEEK IMMEDIATE MEDICAL ATTENTION.

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===== Fire Fighting Measures =====  
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Flash Point Method:CC

Flash Point:=-20.C, -4.F

Autoignition Temp:=-465.C, 869.F

Lower Limits:2.6 %

Upper Limits:12.8%

Extinguishing Media:SMALL FIRE: USE DRY CHEMICALS, CAR

BON DIOXIDE,

WATER SPRAY, ALCOHOL FOAM. LARGE FIRE: USE ALCOHOL FOAM, WATER SPRAY OR FOG. COOL CONTAINERS WITH WATER JET.

Fire Fighting Procedures:NOT PROVIDED

Unusual Fire/Explosion Hazard:NO SPECIFIC INFORMATION IS AVAILABLE REGARDING THE PRODUCT'S RISKS OF EXPLOSION IN THE PRESENCE OF VARIOUS MATERIALS.

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

Spill Release Procedures:SMALL SPILL: DILUTE WITH WATER AND MOP UP, OR ABSORB WITH AN INERT DRY MATERIAL AND PLACE IN AN APPROPRIATE WASTE DISPOSAL CONTAINER. LARGE SPILL: FLAMMABLE LIQUID. KEEP AWAY FROM HEAT AND SOURCES OF IGNITION. STOP LEAK IF WITHOUT RISK. ABSORB WITH DRY EARTH, SAND/NON-COMBUSTIBLE MATERIAL. PREVENT ENTRY INTO SEWERS, BASEMENTS OR CONFINED AREAS; DIKE IF NEEDED. ELIMINATE ALL IGNITION SOURCES.

Neutralizing Agent:DILUTE WITH WATER

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

Handling and Storage Precautions:FLAMMABLE MATERIALS SHOULD BE STORED

IN A SEPARATE SAFETY STORAGE CABINET OR ROOM. KEEP AWAY FROM HEAT. KEEP AWAY FROM SOURCES OF IGNITION. KEEP CONTAINER TIGHTLY CLOSED. KEEP IN A COOL, WELL-VENTILATED PLACE. GROUND ALL EQUIPMENTS CONTAINING THIS MATERIAL. A REFRIGERATED ROOM WOULD BE PREFERRED.

Other Precautions:KEEP AWAY FROM HEAT AND SOURCES OF IGNITION. GROUND ALL EQUIPMENT CONTAINING MATERIAL. DO NOT INGEST. DO NOT BREATHE GAS, FUMES, VAPORS/SPRAY. IN CASE OF INSUFFICIENT VENTILATION, WEAR

SUITABLE RESPIRATORY EQUIPMENT. IF INGESTED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THE LABEL. AVOID CONTACT WITH SKIN AND EYES.

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

Respiratory Protection:BE SURE TO USE A MSHA/NIOSH APPROVED RESPIRATOR OR EQUIVALENT WHEN VENTILATION IS INADEQUATE. IN CASE OF A LARGE SPILL A SELF CONTAINED BREATHING APPARATUS SHOULD BE USED TO AVOID INHALATION OF THE PRODUCT.

Ventilation:PROVIDE EXHAUST VENTILATION

OR OTHER ENGINEERING CONTROLS

TO KEEP THE AIRBORNE CONCENTRATIONS OF VAPORS BELOW THEIR  
RESPECTIVE THRESHOLD LIMIT VALUE.

Protective Gloves:DISPOSABLE, VINYL

Eye Protection:SPLASH GOGGLES

Other Protective Equipment:LAB COAT, FULL SUIT. ENSURE THAT EYE WASH  
STATION AND SAFETY SHOWER IS PROXIMAL TO THE WORK-STATION LOCATION.

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

SUGGESTED PROTECTIVE CLOTHING MIGHT NOT BE SUFFICIENT; CONSULT A  
SPECIALIST BEFORE HANDLING

THIS PRODUCT. ABBREVIATION: N/A = NOT

APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT

PROVIDED. N /R = NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT

ESTABLISHED.

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=56.2C, 133.2F

Melt/Freeze Pt:=-95.4C, -139.7F

Vapor Pres:186.2 MM OF HG @ 20 DEG C

Vapor Density:2 (AIR=1)

Spec Gravity:0.79 (WATER=1)

pH:7 (1%SOLN/WATER

Viscosity:NOT RELEVANT

Solubility in Wa

ter:VERY SOLUBLE

Appearance and Odor:LIQUID, COLORLESS, STRONG PUNGENT ODOR.

Percent Volatiles by Volume:100

Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES

NO SPECIFIC INFORMATION IS AVAILABLE IN OUR DATABASE REGARDING THE  
REACTIVITY OF THIS MATERIAL IN PRESENCE OF VARIOUS OTHER MATERIALS.

Stability Condition to Avoid:NO ADDITIONAL REMARK.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIO

===== Toxicological Information =====

Toxicological Information:ACUTE DERMAL TOXICITY (LD50): 20000 MG/KG (RABBIT). ACUTE TOXICITY OF THE VAPOR (LC50): 29853 PPM (RAT), 4-HOUR EXPOSURE.

===== Ecological Information =====

Ecological:PRODUCT OR BIODEGRADATION: CARBON MONOXIDE, CARBON DIOXIDE) ARE MORE TOXIC.

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

Waste Disposal Methods:RECYCLE TO PROCESS, IF POSSIBLE. CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES.

===== MSDS Transport Information =====

Transport Information:DOT CLASSIFICATION: DOT CLASS 3: FLAMMABLE LIQUID. IDENTIFICATION: ACETONE UN1090, PG: II.

===== Regulatory Information =====

SARA Title III Information:THE FOLLOWING PRODUCT IS LISTED BY CERCLA: ACETONE.

Federal Regulatory Information:THE FOLLOWING PRODUCT IS LISTED ON TSCA: ACETONE.

State R

egulatory Information:THE FOLLOWING PRODUCT IS LISTED BY THE STATE OF MASSACHUSETTS: ACETONE. THE FOLLOWING PRODUCT IS LISTED BY THE STATE OF PENNSYLVANIA: ACETONE.

===== Other Information =====

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