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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: BHXS

=== 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

Chemtrec 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

Address:15944 DERWOOD RD

Box:City:ROCKVILLE

State:MD

ZIP:20855

Cou

ntry: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:UNKNOWN
CAGE:NO740

Company Name:TELECHEM INTERNATIONAL, INC
A
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:5000 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 SLIGHTLY DANGEROUS IN CASE OF SKIN CONTACT (IRRITANT, SENSITIZER). THIS PRODUCT MAY IRRITATE EYES AND SKIN UPON CONTACT. POTENTIAL CHRONIC HEALTH EFFECTS: SLIGHTLY

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DANGEROUS TO DANGEROUS IN CASE OF SKIN CONTACT (PERMEABLE), OF EYE CONTACT (IRRITANT), OF INGESTION, OF INHALATION. VERY SLIGHTLY TO SLIGHTLY DANGEROUS IN CASE OF SKIN CONTACT (IRRITANT, SENSITIZER). REPEATED OR PROLONGED EXPOSURE TO THE SUBSTANCE CAN PRODUCE TARGET ORGANS DAMAGE.

Explanation of Carcinogenicity:CLASSIFIED A5 BY ACGIH.

Effects of Overexposure:NOT PROVIDED

Medical Cond Aggravated by Exposure:NOT PROVIDED

===== 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 WASH 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, PERFORM MOUTH-TO-MOUTH RESUSCITATION. (WARNING: IT MAY BE DANGER

OUS 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.

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

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, CARBON DIOXIDE, WATER SPRAY, ALCOHOL FOAM. LARGE FIRE: USE ALCOH

OL 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. LARG

E 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 PREFERRABLE.

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 MED

ICAL 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 CONCENTRAT

IONS 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 Water:VERY SOLUBLE

Appearance and Odor:LIQUID, COLORLESS, STRONG PU
NGENT 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 DIOXIDE

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

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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 Regulatory 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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