

SPECTRUM CHEMICAL MANUFACTURING CORP. -- COPPER(I) CYANIDE -- 6810-01-228-3360

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Product Identification  
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Product ID:COPPER(I) CYANIDE

MSDS Date:06/27/1989

FSC:6810

NIIN:01-228-3360

MSDS Number: BJDZQ

=== 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:213-516-8000/800-424-9300(CHEMTREC)

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:COPPER CYANIDE (SARA III)

CAS:544-92-3

RTECS #:GL7150000

Fraction by Wt: 100%

Other REC Limits:1 MG(CU)/M3 OSHA TWA

OSHA PEL:1 MG CU/M3

ACGI

H TLV:1 MG CU/M3

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

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Hazards Identification  
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Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE-EYES:IRRITATION,CONJUNCTIVITIS,

CORNEAL ULCERATIONS. SKIN:IRRITATION. INHALATION:IRRITATION.

INGESTION: CNS DEPRESSION. CHRONIC-EYES:CONJUNCTIVITIS.

SKIN:DERMATITIS, NECROSIS AND GREENISH SKIN DISCOLORATION.

INH

ALATION:CNS DISORDERS.INGESTION:HEMOLYTIC ANEMIA, LIVER, KIDNEY AND SPLEEN DAMAGE, CNS DEPRESSION.

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

Effects of Overexposure:EYES:IRRITATION. SKIN: ITCHING, SKIN DISCOLORATION, AND LESIONS. INHALATION:IRRITATION. INGESTION:BURNING TASTE, FEELING OF CONSTRICTION IN THE THROAT, SALIVATION, NAUSEA(WITH OR WITHOUT VOMITING), CO NFUSION, VERTIGO, GIDDINESS, WEAKN

ESS, HEADACHE, RAPID PULSE, PALPITATIONS, CYANOSIS, COMA, CONVULSIONS AND BRADYCARDIA.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN CONDITIONS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING IF NECESSARY. INGESTED:D  
O NOT INDUCE VOMITING. GIVE 2 LARGE GLASSES OF MILK OR WATER AND GET IMMEDIATE MEDICAL CARE. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE,SEE A DOCTOR.

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

Extinguishing Media:USE WATER FOG, HALON, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRA

Y TO KNOCK DOWN VAPORS.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:WIPE/SOAK UP WITH CLOTH OR PAPER TOWEL OR INERT ABSORBENT. PUT IN DISPOSAL CONTAINER. REMOVE RESIDUE WITH WATER.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL, D

RY, WELL VENTILATED

AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:NO NOT TOUCH SPILLED MATERIAL.

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

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR DUST/MIST IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.

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ntilation:GENERAL ROOM VENTILATION IS NORMALLY ADEQUATE. USE LOCAL EXHAUST IF NECESSARY TO CONTROL EXPOSURE BELOW PEL/TLV.

Protective Gloves:NEOPRENE, NITRILE, VPC OR NATURAL RUBBER

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT.

Supplemental Safety and Health

PREVENT ANY SKIN OR EYE CONTACT

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

HCC:T4

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:883F,473C

Spec Gravity:2.92

Solubility in Water:INSOLUBLE

Appearance and Odor:WHITE, DARK GREEN, OR RED; DEPENDING ON THE CRYSTAL STRUCTURE.

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

Stability Indicator/Materials to Avoid:YES

ACIDS, MAGNESIUM, CHLORATES, FLUORIDE, MOLTEN NITRATES, NITRITES AND STRONG OXIDIZERS.

Stability C

Condition to Avoid: OPEN FLAMES.

Hazardous Decomposition Products: HIGHLY TOXIC HYDROGEN CYANIDE.

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

Waste Disposal Methods: DISPOSAL MUST BE IN ACCORDANCE WITH STANDARDS APPLICABLE TO GENERATORS OF HAZARDOUS WASTE, 40CFR 262. EPA HAZARDOUS WASTE NUMBER P029.

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