

SPECTRUM CHEMICAL MANUFACTURING CORP. -- POTASSIUM CYANIDE ACS CRYSTAL FORM --
6810-00-247-0598

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

Product ID:POTASSIUM CYANIDE ACS CRYSTAL FORM

MSDS Date:01/01/1991

FSC:6810

NIIN:00-247-0598

MSDS Number: BPMQH

=== Responsible Party ===

Company Name:SPECTRUM CHEMICAL MANUFACTURING CORP.

Address:14422 SOUTH SAN PEDRO STREET

City:GARDENA

State:CA

ZIP:90248-2027

Count

ry:US

Info Phone Num:213-516-8000

Emergency Phone Num:800-424-9300

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

===== Compos

ition/Information on Ingredients =====

Ingred Name:CYANIDES (SOLUBLE SALTS AND COMPLEXES) (SARA III)
CAS:57-12-5
RTECS #:GS7175000
Fraction by Wt: 38-40%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG CN/M3
ACGIH TLV:S, 5 MG/M3; 9293
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:POTASSIUM
CAS:7440-09-7
RTECS #:TS6460000
Fraction by Wt: 60-62%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:250 MG ADULT LE
THAL DOSE.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:HIGHLY POISONOUS BY INGESTION.

ABSORBED BY THE BODY THROUGH THE SKIN. CYANIDE PREVENTS CELLS OF
THE BODY FROM USING OXYGEN. CAUSES PROFUSE INEFFECTIVE BREATHING
AND NAUSEA FOLLOWED BY WEAK, IRREGULAR HEARTBEAT, UNCONSCIOUSNESS,
COMA AND DEATH. ON CONTACT IRRITATING AND CORROSIVE TO TISSUE.

Explanation of Carcinogenicity:THIS CO

MPOUND CONTAINS NO INGREDIENTS AT

CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.

Effects of Overexposure:CAUSES HEADACHE, DIZZINESS, WEAKNESS.

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

First Aid:EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER & SEEK MEDICAL
ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING & FLUSH SKIN WITH
LARGE AMOUNTS OF WTAER. GET MEDICAL ATTENTION. INHALATION: REMOVE
TO FRESH AIR. GIVE ARTIFICIAL RESPIR

ATION IF NEEDED.GIVE OXYGEN IF
AVALIABLE. GET IMMEDIATE MEDICAL ATTENTION. INGESTION: GIVE
CONSCIOUS VICTIM 1 PINT OF 1% SODIUM THIOSULFATE SOLUTION, INDUCE
VOMITING, SEE DOC.

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

Flash Point:NON-FLAMMABLE
Autoignition Temp:Autoignition Temp Text:NA
Lower Limits:NA
Upper Limits:NA
Extinguishing Media:COOL CONTAINERS WITH WATER. DO NOT USE CARBON
DIOXIDE.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF-CONT
AINED
BREATHING APPARATUS AND FULL PROTECTIVE GEAR.
Unusual Fire/Explosion Hazard:CONTACT WITH ACIDS FORMS HIGHLY TOXIC
FLAMMABLE HYDROGEN CYANIDE GAS.

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

Spill Release Procedures:PROVIDE VENTILATION, WEAR PROTECTIVE
EQUIPMENT. PLACE INTO DOT CONTAINERS. DECONTAMINATE MINOR SPILLS
WITH HYPOCHLORITE SOLUTION.
Neutralizing Agent:HYPOCHLORITE SOLUTION.

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

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Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED
AREA IN AIR-TIGHT CONTAINERS, AWAY FROM ACIDS AND OXIDIZERS.
ABSORBS CARBON DIOXIDE & WATER FROM AIR.
Other Precautions:WASH THOROUGHLY AFTER HANDLING. WORKERS MUST EXERCISE
METICULOUS HYGENIC PRACTICES.

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

Respiratory Protection:CANISTER-TYPE RESPIRATOR SUITABLE FOR HYDROGEN
CYANIDE OR SELF-CONTAINED BREATHING EQUIPMENT.
Ventilation:LOCAL

EXHAUST: LOCAL. MECHANICAL(GENERAL) EXHAUST: PROCESS
ENCLOSED VENTILATION.

Protective Gloves:IMPERVIOUS.

Eye Protection:SAFETY GOGGLES/FULL FACEPIECE RESPIRATOR

Other Protective Equipment:IMPERVIOUS.

Work Hygienic Practices:EYE WASH FOUNTAIN, QUICK DRENCH SHOWER.

Supplemental Safety and Health

NONE

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

HCC:T2

Melt/Freeze Pt:M.P/F.P Text:1173F,634C

Vapor Pres:NEGL

Vapor Density:2.2

Spec Gravity:1.52

pH:NA

Solubility in Water:

25C 71.6

Appearance and Odor:WHITE CRYSTALS FAINT, ALMOND ODOR.

Percent Volatiles by Volume:UNK

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

Stability Indicator/Materials to Avoid:YES

FORMS EXPLOSIVES WITH CHLORATES, NITRATES, NITROGEN, NITROGEN
TRICHLORIDE, AMMONIA, WATER, CORROSIVE AND OXIDIZERS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CYANIDES, CYANIC ACID.

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

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Waste Disposal Methods:CONTACT YOUR DISTRICT DIRECTOR OF TYE EPA FOR
PROPER DISPOSAL PROCEDURES.

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