

C.C. CHEMICAL CO(OUT OF BUSINESS);TRY OTHER MFG. -- POTASSIUM CYANIDE --  
6810-00-237-2910

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

Product ID:POTASSIUM CYANIDE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-237-2910

MSDS Number: BDLXG

=== Responsible Party ===

Company Name:C.C. CHEMICAL CO(OUT OF BUSINESS);TRY OTHER MFG.

Address:901 S. 15TH ST

Box:7431

City:LOUISVILLE

State:KY

ZIP:40207-0431

Country:US

CAGE:KO7

67

=== Contractor Identification ===

Company Name:C & C CHEMICAL GROUP, INC.

Address:901 SOUTH 15TH STREET

Box:City:LOUISVILLE

State:KY

ZIP:40207

Country:US

Phone:804-279-4371

CAGE:2U704

Company Name:C.C. CHEMICAL CO(OUT OF BUSINESS);TRY OTHER MFG.

Address:901 S. 15TH ST

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

Ingred Name:POTASSIUM CYANIDE (SARA III)

CAS:151-50-8

RTECS #:TS8750000

Fraction by W

t: 100%  
OSHA PEL:5 MG/M3 (CN)  
ACGIH TLV:S, 5 MG/M3 (CN);9192  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

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

Effects of Overexposure:HIGHLY  
TOXIC.EYES/SKIN:IRRITNT.INHALE/INGEST:PAIN,FAINTNESS,HARD  
BREATHING,UNCONSCIOUS,RAPID FATAL

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

First Aid:INHAL:FRESH AIR,REST,INHALE AMYL NITRATE FOR 15 SEC(REPEAT 5  
TIMES AT 15 SEC INTERVALS.ARTIF. RESPIR IF NEEDED;ING  
EST:RINSE  
MOUTH,DRINK PINT 1%SODIUM THIOSULFATE SOLN(OR SOAPY OR MUSTARD  
H\*2O),INDUCE VOMIT,REPEAT VOMIT UNTIL CLEAR:CONT IN SUPP DATA

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

Extinguishing Media:NOT COMBUSTIBLE;USE AIR FOAM OR WATER FOG FOR NEAR  
BY FIRE.  
Fire Fighting Procedures:WEAR SELF-CNTND BRTHG APP.DONT USE H\*2O ON  
MATERIAL ITSELF.  
Unusual Fire/Explosion Hazard:HEAT LIBERATES FLAMMABLE HCN  
GAS(TOXIC).KNOCK VAPOR DOWN W H\*2O SPRAY.DO NOT S  
EWER.SEE AVOID  
INFO

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

Spill Release Procedures:EVACUATE UNPROTECTED PERSONS.ELIM IGNITION  
SOURCES.PROTECTED PERSONNEL STOP LEAK,PROVIDE  
VENTILATION,SWEEP/SHOVEL MATERIAL INTO COVERED  
CONTAINER.DECONTAMINATE SPILL AREA W SODIUM OR CALCIUM HYPOCHLOR  
ITE SOLUTION.DIKE/PREVENT SEWER OF KCN SOLN.

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

Handling and Storage Precautions:STRICT HYGIENE;P

PROHIBIT ANY DIRECT

CONTACT W CHEMICAL.SEE AVOID.STORE IN COOL, DRY, WELL VENT, LOW FIRE RISK AREA. CONT TIGHTLY CLOSED. NO FOOD EXPOSE.

Other Precautions:NOTE:REQUIRE SAFETY TRAINING/SUPPLIES BEFORE PRODUCT USE.ENFORCE STRICT HYGIENE.ABSORBS H<sub>2</sub>O FROM AIR & SLOWLY DECOMPOSES.DO NOT SEWER;MAY RELEASE HCN.ACCIDENTS:PHONE(901)357-1546 IMMEDIATELY

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

Respiratory Protection:LOCAL EXHAUST OR BREATHING PROTECTION(DUST FILTER RESPIR)

Ventilation:GEN/LOCAL EXHAUST.AVOID DUSTING CONDITIONS

Protective Gloves:IMPERVIOUS/RUBBER

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EMERG:AIR LINE/SELF-CONTAINED BREATHING APP;FULL PROTECTIVE CLOTHING, BOOTS

Supplemental Safety and Health

FIRST AID CONT:USE AMYL NITRATE BEFORE/AFTER INDUCE VOMIT(SEE INHALE).REPEAT AMYL NITRATE AT 3MIN INTERVALS UNTIL USED 4 PEARLS.EYES/SKIN;FLUSH W LG AMTS H<sub>2</sub>O.ALL CASES:GET PHYSICIAN IMMEDIATELY.

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

HCC:T2

Spec Gravity:1.52

Evaporation Rate & Reference:NIL

Solubility in Water:COMPLETE

Appearance and Odor:WHITE, GRANULAR, ODORLESS

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES  
ALL ACIDS,OXIDANTS,WEAK ALKALIES.

Stability Condition to Avoid:CONTACT W ACIDS,WEAK ALKALIES,HEAT,HEAT,FIRE,WATER,ACID FUMES

Hazardous Decomposition Products:HCN GAS(POISON,FLAMMABLE)

E)ALSO TOXIC

NITROGEN OXIDES VIA FIRE

Conditions to Avoid Polymerization:ACID CNTCT

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

Waste Disposal Methods:KEEP IN COVERED DRUMS PENDING DISPOSAL.IF APPROVED,MAY NEUTRALIZE W SODIUM OR CALCIUM HYPOCHLORITE OR HYDROGEN PEROXIDE.DISPOSE INLY IN FULL COMPLIANCE WITH APPLICABLE INTERNATIONAL,FEDERAL,STATE,& LO CAL REGS.W FULL PERSONNEL PROTECTION.

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