

CITY CHEMICAL CO -- 60180 POTASSIUM CYANIDE, REAGENT, ACS -- 6810-00-237-2910

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Product Identification  
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Product ID:60180 POTASSIUM CYANIDE, REAGENT, ACS

MSDS Date:01/01/1993

FSC:6810

NIIN:00-237-2910

MSDS Number: CBRXG

=== Responsible Party ===

Company Name:CITY CHEMICAL CO

Address:100 HOBOKEN AVE

City:JERSEY CITY

State:NJ

ZIP:07310

Country:US

Info Phone Num:201-653-6900

Emergency Phone

Num:201-653-6900/800-424-9300(CHEMTREC)

CAGE:8G980

=== Contractor Identification ===

Company Name:CITY CHEMICAL CO

Address:100 HOBOKEN AVE

Box:City:JERSEY CITY

State:NJ

ZIP:07310

Country:US

Phone:201-653-6900/800-424-9300(CHEMTREC)

CAGE:8G980

Company Name:CITY CHEMICAL CORPORATION

Address:100 HOBOKEN AVE

City:JERSEY CITY

State:NJ

ZIP:07310

Country:US

Phone:201-653-6900/800-248-2436

CAGE:83628

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Composition/Information on Ingredients  
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Ingred Name:POTASSIUM CYANIDE (SA

RA 302/313) (CERCLA)  
CAS:151-50-8  
RTECS #:TS8750000  
Fraction by Wt: 100%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG(CN)/M3  
ACGIH TLV:S, 5 MG(CN)/M3; 9495  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

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

LD50 LC50 Mixture:ORAL HUMAN, LDLO = 2.857 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:\*TARGET-ORGANS:CNS, BLOOD, HEART.\*

HIGHLY TOXIC!! MAY BE FATAL IF INHALED, SWALLOWED, ABSORBED THRU SKIN. CAUSES SEVERE EYE IRRITATION, SKIN IRRITATION. EXPOSURE CAN CAUSE NAUSEA, DIZZINESS, HEADACH E, LUNG IRRITATION, CYANOSIS, CNS DEPRESSION.

Explanation of Carcinogenicity:MANUFACTURER GAVE NO INFORMATION ABOUT CARCINOGENICITY. HMIS FOUND NO LISTING & DOES NOT EXPECT IT TO BE CARCINOGENIC.

Effects of Overexposure:HIGHLY TOXIC. MAY BE FATAL. EYE & SKIN IRRITATION. CNS DEPRESSION, CYANOSIS, NAUSEA, DIZZIN ESS, HEADACHE.

Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION OF MSDS.

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

First Aid:IN ALL CASES, GET IMMEDIATE MEDICAL ATTENTION. EYE:FLUSH W/WATER FOR 15 MIN. SKIN:WASH W/SOAP & WATER. REMOVE & DISCARD CONTAMINATED CLOTHING & SHOES. INHALED:REMOVE FROM EXPOSURE. AID OR RESTORE BREA THING AS NEEDED. INGESTED:GET IMMEDIATEMEDICAL ATTENTION. WASH OUT MOUTH W/WATER IF CONSCIOUS. NOTHING BY MOUTH IF

UNCONSCIOUS.

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

Extinguishing Media:APPROPRIATE FOAM. DO NOT USE CARBON DIOXIDE EXTINGUISHER ON THIS MATL.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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

Spill Release Procedures:EVAC

UATE AREA. WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS, HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN BAG & HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA & WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

Neutralizing Agent:SODIUM HYPOCHLORITE

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

Handling and Storage Precautions:KEEP TIGHTLY CLOSED. STORE IN A DRY AREA. WATER SPRAY USED IN FIRE FIGHTING WILL RELEASE HIGHLY TOXIC HYDROGEN C

YANIDE GAS IF CONTACTING THE MATERIAL.

Other Precautions:KEEP FIRE FIGHTING RUNOFF & SPILLS OUT OF SEWERS & WATERCOURSES. USE ONLY IN A FUME HOOD.

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

Respiratory Protection:WEAR APPROPRIATE NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation:USE ONLY IN CHEMICAL FUME HOOD.

Protective Gloves:CHEMICAL RESISTANT GLOVES.

Eye Protection:SAFETY GOGGLES.

Other Protective Equipment:OTHER PROTECTIVE CLOTHING AS NEEDED TO PREVENT SKIN CONT

ACT. EYEWASH FOUNTAIN & SAFETY SHOWER NEARBY & READY FOR USE.

Work Hygienic Practices:DISCARD CONTAMINATED CLOTHING & SHOES. WASH THOROUGHLY AFTER HANDELING.

Supplemental Safety and Health  
NONE

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

HCC:T2

NRC/State Lic Num:NONE

Melt/Freeze Pt:M.P/F.P Text:1174F,635C

Spec Gravity:1.520

Appearance and Odor:WHITE GRANULAR POWDER.

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

Stability Indicator/Materi

als to Avoid: YES

STRONG OXIDIZING AGENTS, AVOID CONTACT W/ACID,

Stability Condition to Avoid: AIR & MOISTURE SENSITIVE. MAY DECOMPOSE ON EXPOSURE TO MOIST AIR OR WATER. ABSORBS CO<sub>2</sub> FROM AIR.

Hazardous Decomposition Products: TOXIC FUMES OF HYDROGEN CYANIDE, CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES.

Conditions to Avoid Polymerization: MFR GAVE NO INFORMATION OF MSDS.

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

Waste Disposal Methods: DISPOSE I/A/W FEDERAL, STATE & LOCAL

REGULATIONS. TREAT DILUTE BASIC SOLUTION (PH 10-11) W/50% EXCESS COMMERCIAL LAUNDRY BLEACH. CONTROL TEMPERATURE BY ADDITION RATE OF BLEACH. LET STAND OVERNIGHT. CAUTIOUSLY ADJUST TO PH 7. FILTER SOLIDS FOR BURIAL.

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