

CITY CHEMICAL CORPORATION -- SILVER CYANIDE -- 6810-00-241-8426

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

Product ID:SILVER CYANIDE

MSDS Date:01/01/1985

FSC:6810

NIIN:00-241-8426

MSDS Number: BDMPQ

=== Responsible Party ===

Company Name:CITY CHEMICAL CORPORATION

Address:132 WEST 22ND ST

City:NEW YORK

State:NY

ZIP:10011

Country:US

CAGE:83628

=== Contractor Identification ===

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

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

Ingred Name:SILVER CYANIDE (SARA III)

CAS:506-64-9

RTECS #:VW3850000

Fraction by Wt: 100%

OSHA PEL:0.01 MG AG/M3

ACGIH TLV:0.01 MG AG/M3; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

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

Effects of Overexposure:HEADACHE,DIZZINESS,NAUSEA,VOMITIN

G,IRRITATION  
OF EYES,RESPIRATORY TRACT,DIFFICULT BREATHING,PARALYZE

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First Aid Measures  
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First Aid:REMOVE PATIENT TO FRESH AIR AND CALL DOCTOR.IRRIGATE EYES WITH WATER,WASH CONTAMINATED BODY WITH SOAP AND WATER,ADMINISTER ARTIFICIAL RESPIRATION AND OXYGEN.GASTRIC LAVAGE IF SWALLOWED,FOLOWED BY SLIG HTLY WARM SALINE OR 1% SODIUM THIOSULFATE SOLUTION

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Fire Fighting Measures  
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Flash Po

int:N.A

Extinguishing Media:DRY CHEMICAL,CARBON DIOXIDE,FOAM,WATER MAY BE INEFECTIVE

Fire Fighting Procedures:AVOID BREATHING FUMES OR VAPORS,SELF CONTAINED BREATHER.

Unusual Fire/Explosion Hazard:EMITS HIGHLY POISONOUS AND FLAMMABLE GAS FUMES WHEN IN CONTACT WITH ACID OR WHEN HEATED,AND ALKALIS

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Accidental Release Measures  
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Spill Release Procedures:NEUTRALIZE WITH SODIUM HYDROXIDE SOLUTION.ADD SUFFICIENT CALCIUM HYPOCHLORITE TO THE ALKALI  
CYANIDE AND FLOOD WITH ABUNDANCE OF WATER AND DRAIN INTO AN APPROVED STORAGE DISPOSAL AREA.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN DRY PLACE.PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE.KEEP AWAY FROM ACIDS AND COMBUSTIBLES.REMOVE EVERY SOURCE OF IGNITION.

Other Precautions:AVOID HAZARDOUS REACTIONS WITH ALKALIS,HEATING AND EXPLOSION.AVAILABLE FIRST AID KITS OF:AMYL NITRITE CAPSULES,SODIUM NITRITE SOLU

TION,SODIUM THIOSULFATE SOLUTION,70%  
ALCOHOL,COTTON-TOURNIQUET

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Exposure Controls/Personal Protection  
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Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS,OR U.S.BUREAU OF MINES CARTRIDGE.

Ventilation:MECHANICAL AND LOCAL VENTILATION AS NEEDED.

Protective Gloves:RUBBER,LONG

Eye Protection:GOGGLES

Other Protective Equipment:WEAR SPECIAL PROTECTIVE CLOTHING,SUCH AS IMPERVIOUS CLOTHES

Supplemental Safety and Health

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Physical/Chemic

al Properties =====

HCC:T2

Spec Gravity:3.95

Evaporation Rate & Reference:N.A

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COARSE WHITE POWDER

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

Stability Indicator/Materials to Avoid:YES

COMBUSTIBLE MATERIALS

Stability Condition to Avoid:SOURCES OF IGNITION KALIS,HEATING AND  
EXPLOSION.

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

Waste Disposal Methods:SEAL THE STORAGE CONTA  
INER OR CYLINDERS AND  
RETURN TO SUPPLIERS.

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