

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 COR
PORATION
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

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

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

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

Flash Po

int:N.A

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

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

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

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

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.

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

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

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

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

===== 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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