

AMERICAN CHEMICAL & REFINING CO,(GENERAL CHEMICAL) -- 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: BDMPK

=== Responsible Party ===

Company Name:AMERICAN CHEMICAL & REFINING CO,(GENERAL CHEMICAL)

Address:36 SHEFFIELD ST

City:WATERBURY

State:CT

ZIP:06704-1007

Country:US

CAGE:1T842

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

Ingred Name:SILVER CYANIDE (SARA III)

CAS:506-64-9

RTECS #:VW3850000

Fraction by Wt: 80.5%

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 Over

exposure:HIGHLY
TOXIC,WEAKNESS,DIZZINESS,CONFUSION,HEADACHE,VOMITING,UNCONSCIOUSNES
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===== First Aid Measures =====

First Aid:GIVE PROMPT TREATMENT.MAINTAIN RESPIRATION.IRRIGATE EYES WITH
WATER.WASH CONTAMINATED AREAS OF BODY W/SOAP & WATER.TRANSFER THE
PATIENT INTO FRESH AIR,KEEP WARM.ADMINISTER ARTIFICIAL RESPIRATION
& OXY GEN.TRY TO MAKE THE PATIENT INHALE AMYLNITRATE.

===== Fire Fighting Measures =====
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Extinguishing Media:H*2O OR CO*2,FOAM,DRY CHEMICAL
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS
Unusual Fire/Explosion Hazard:CONTACTS WITH ACIDS OR ACID SALTS WILL
LIBERATE HIGHLY TOXIC & FLAMMABLE HYDROCYANIC ACID GAS.

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

Spill Release Procedures:DO NOT BREATH GAS OR DUST.DO NOT GET IN
EYES,ON SKIN,OR ON CLOTHING.EVACUATE UNPROTECTED
PERSONS.ELIM.IGNITION SOURCES.STOP LEAK.H*2O SPRAY COOL
CONT/DIVERT
SPILL FROM FIRE/HEAT.PROVIDE VENTILATION.AB SORB W/COMML
ABSORBENT,SHOVEL INTO DISPOSAL CONTS.

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

Handling and Storage Precautions:MFR STATES:WASH THOROUGHLY AFTER
HANDLING.KEEP CONTAINER CLOSED & AWAY FROM ACIDS.STORE IN DRY
PLACE.KEEP AWAY FROM FEED,FOOD STUFFS,& SOTRAGE IN AREA
Other Precautions:WASH CONTAMINATED CLOTHING BEFORE REUSE.STORE IN
COOL,WELL VENTILATED,LOW FIRE RISK AREA.PROTECT FROM
PHYSICAL
DAMAGE.AVOID ANY PHYSICAL CONTACT.KEEP AWAY FROM ACID SALTS.

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

Respiratory Protection:USE DUST RESPIRATOR,U.S.BUREAU OF MINES
APPD,WHEN HANDLING IN DUST.
Ventilation:LOCAL EXHAUST IS PREFERRED.AIR OR OXYGEN IN EMERGENCIES.
Protective Gloves:RUBBER
Eye Protection:CHEMICAL SAFETY GOGGLES.
Supplemental Safety and Health

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

HCC:T2
Spec Gravity:3.95

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WHITE OR GRAYISH ODORLESS POWDER.

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

Stability Indicator/Materials to Avoid:YES

CONTACTS WITH ACIDS OR ACID SALTS RELEASES POISONOUS GAS.

Hazardous Decomposition Products:HYDROGEN CYANIDE

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

Waste Disposal Methods:MFR SPECIFIES:SWEEP UP SPILLAGE.SEND TO REFINERY
FOR DISPOSAL.DO NOT FLUSH TO SEWER WHICH MAY CO

NTAIN ACIDS.KEEP IN

COVERED DRUMS,PENDING DISPOSAL.HANDLE & DISPOSE IN FULL COMPLIANCE
W/ALL APPLICABLE INTERNATIONAL,FEDERAL,STATE & LOCAL REGULATIONS.

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