

COOPER CHEMICAL COMPANY -- SILVER CYANIDE -- 6810-00-241-8426

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

Product ID:SILVER CYANIDE

MSDS Date:09/30/1986

FSC:6810

NIIN:00-241-8426

MSDS Number: BDMPN

=== Responsible Party ===

Company Name:COOPER CHEMICAL COMPANY

Address:20 PARKER ROAD

City:LONG VALLEY

State:NJ

ZIP:07853-9406

Country:US

Info Phone Num:201-876-3231

Emergency Phone Num:201-876-3231

CAGE:6A452

=== Contractor Identification ===

Company Name:COOPER CHEMICAL COMPANY

Address:20 PARKER ROAD

Box:City:LONG VALLEY

State:NJ

ZIP:07853-9406

Country:US

Phone:908-876-3231

CAGE:6A452

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

Ingred Name:SILVER CYANIDE (SARA III)

CAS:506-64-9

RTECS #:VW3850000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

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 Identif

ication =====

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 123 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:SILVER CYANIDE IS HIGHLY TOXIC. IT MAY BE ABSORBED THROUGH BROKEN SKIN. IT IS ALSO A SKIN AND EYE IRRITANT.

Explanation of Carcinogenicity:PRODUCT IS NOT LISTED AS A CARCINOGEN BY IARC, NTP, OR OSHA.

Effects of Overexposure:PRODUCT IS A DEADLY POISON. IT MAY PRODUCE EYE

OR SKIN IRRITATION. SYMPTOMS OF OVEREXPOSURE ARE GASPING, DIZZINESS, SHORTNESS OF BREATH, BLUE-GRAY DISCOLORATION OF SKIN,MUCOUS MEMBRANES,EYES.

Medical Cond Aggravated by Exposure:NONE GIVEN BY MANUFACTURER (SUPPLIER).

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

First Aid:GET IMMEDIATE MEDICAL CARE! EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING AS NEEDED. INGESTED:GIVE 2 LARGE GLASSES OF MILK OR WATER AND INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL CARE.

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

Flash Point:NON-FLAMMABLE

Autoignition Temp:Autoignition Temp Text:UNKNON

Extinguishing Media:USE WATER SPRAY. CONTAIN RUN-OFF.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED

CONTAINERS WITH WATER SPRAY. CONTAIN RUNOFF.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE DEADLY HYDROGEN CYANIDE GAS AND CYANOGEN.

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

Spill Release Procedures:WEAR APPROPRIATE BREATHING APPARATUS AND PROTECTIVE CLOTHING. RECOVER AS MUCH OF THE SPILL AS POSSIBLE. WASH AREA THOROUGHLY.

Neutralizing Agent:NONE

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

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Handling and Storage Precautions:STORE IN A SECURE, DRY, AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM LIGHT OR USE LIGHT RESIST CONTAINER.

Other Precautions:NONE GIVEN BY MANUFACTURER (SUPPLIER).NONE

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

Respiratory Protection:USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR DUST IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.

Ventilation:USE LOCAL EXHAUST IF NECESSARY TO CONTROL EXPOSURE BELOW PEL/TLV.

Protective Gloves:NEOPRENE, NITRILE, VPC OR NATURAL RUBBER

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:USE STRICT CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health

ty and Health

NONE

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

HCC:T3

Melt/Freeze Pt:M.P/F.P Text:608F,320C

Spec Gravity:POWDER

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WHITE TO GRAYISH POWDER, NO ODOR? (DGSC-SSH POSSIBLE BITTER ALMOND ODOR)

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

Stability Indicator/Materials to Avoid:YES

ACIDS, AMMONIA, ALKALI CYANIDES

Stability Condition to Avoid:NONE GIVEN BY MANUFACTURER (SUPPLIER).

Haza

rdous Decomposition Products:CYANIDE, HYDROGEN CYANIDE, ALKALI  
CYANIDES

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

Waste Disposal Methods:DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL  
REGULATIONS. MANUFACTURER SUGGESTS THAT DISPOSAL MAY BE DONE BY A  
PRECIOUS METALS RECLAIM OPERATION IN ORDER TO RECOVER THE VALUABLE  
SILVER CONTENT.

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