

METECH INCORPORATED -- SILVER CYANIDE REAGENT -- 6810-00-241-8426

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

Product ID:SILVER CYANIDE REAGENT
MSDS Date:10/31/1988
FSC:6810
NIIN:00-241-8426
MSDS Number: BDMPL
=== Responsible Party ===
Company Name:METECH INCORPORATED
Address:RT 401
Box:360
City:ELVERSON
State:PA
ZIP:19520-9209
Country:US
Info Phone Num:215-286-0420
Emergency Phone Num:215-286-0420
CAGE:KO
793

=== Contractor Identification ===
Company Name:METECH INC
Address:RT 401 BOX 360
Box:City:ELVERSON
State:PA
ZIP:19520-9209
Country:US
CAGE:1Y728
Company Name:METECH INCORPORATED
Address:RT 401
Box:360
City:ELVERSON
State:PA
ZIP:19520-9209
Country:US
Phone:215-286-0420
CAGE:KO793

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

Ingred Name:SILVER CYANIDE (SARA III)
CAS:506-64-9
RTECS #:VW3850000
Fraction by Wt: 100.0%
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 =====

LD50 LC50 Mixture:ORAL RAT:123MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:MATERIAL IS POISONOUS AND MAY BE FATAL IF INGESTED;CAUSES WEAKNESS,HEADACHE,CONFUSION,NAUSEA LEADING TO COMA. CHRONIC:NOT KNOWN.

Explanation of Carcinogenicity:DATA PER MSDS

Effects of Overexposure:SE

E HEALTH HAZARDS DATA.

Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE WORSEN AND CAUSE WEAKNESS,HEADACHE,CONFUSION,NAUSEA,LEADING TO COMA OR EVEN DEATH.

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

First Aid:FOR SKIN,EYES,INGESTION OR INHALATION,CALL A PHYSICIAN IMMEDIATELY;PHYSICIAN MUST TREAT,AS POISON CYANIDE IS INGESTED.ALSO,CONSULT POISON CONTROL CENTER NEARBY.

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

Flash Point:NONE

Extinguishing Media:NOT NEEDED;USE SUITABLE MEDIA FOR SURROUNDING FIRES.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED AREA IF THERE IS A PROBLEM.

Unusual Fire/Explosion Hazard:NONE NOTED.

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

Spill Release Procedures:ITEM IS POISON;USE PROPER PERSONAL PROTECTION;SCOOP UP ALL MATERIAL IF DRY AND PLACE IN SEALED CONTAINER;IF WET SPILL OR SOLUTION,IMMEDIATELY ADD ALKALINE

HYPOCHLORIDE & RECOVER ACCORDINGLY.

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

Handling and Storage Precautions:STORE IN SEALED CONTAINERS AWAY FROM OTHER CHEMICALS AND WATER.USE ALL NECESSARY PRECAUTIONS AS ITEM IS POISON.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR IF THERE IS A PROBLEM.

Ventilation:LOCAL EXHAUST OR MECHANICAL

Protective Gloves:IMPERVIOUS

Eye Protection:S
AFETY GOGGLES

Other Protective Equipment:FULL SKIN AND EYES PROTECTION,EYE-WASH FACILITIES.

Work Hygienic Practices:AVOID CONTACT WITH SKIN AND EYES.DO NOT BREATHE VAPORS/MIST.WASH THOROUGHLY AFTER EACH USE.DO NOT INGEST,POISON!

Supplemental Safety and Health

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

HCC:T3

Spec Gravity:3.95

Solubility in Water:SOLUBLE

Appearance and Odor:WHITE CRYSTALLINE POWDER,NO ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS AND ACIDS

Stability Condition to Avoid:EXTREME HEAT

Hazardous Decomposition Products:CYANIDE GAS- POISON

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

Waste Disposal Methods:SEND MATERIAL BACK TO SUPPLIER FOR PROPER DISPOSAL OR DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.USE PROPER LABEL AS POISON.

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