

SILVER CYANIDE

MSDS Number

BHCBF

National Stock Number

6810-00-242-6341

Product Name

SILVER CYANIDE

Manufacturer

J T BAKER INC

Product Identification

Product ID:SILVER CYANIDE

MSDS Date:05/01/1989

FSC:6810

NIIN:00-242-6341

MSDS Number: BHCBF

Responsible Party

J.T. BAKER INC.

222 RED SCHOOL LANE

PHILLIPSBURG , NJ 08865-2219

US

Emergency Phone: 201-859-2151

Info Phone: 1-800-JTBAKER

Cage: HO785

Contractor

NOAH TECHNOLOGIES CORP

SAN ANTONIO, TX 78249

US

210-691-2000

Cage: 61665

Ingredients

SILVER CYANIDE (SARA III)

CAS: 506-64-9

RTECS: VW3850000

Fraction By Weight: 90-100%

OSHA PEL0.01 MG AG/M3

ACGIH TLV: 0.01 MG AG/M3; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

Hazards

LD50 LC50 Mixture:ORAL RAT LD50:123MG/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:SEVERE IRRITATION,BURNS OF EYES,SKIN,RESPIRATORY TRACT OR G.I.

SYSTEM,CYANOSIS,UNCONSCIOUSNESS,HEADACHE,NAUSEA,VOMITING,DIZZINESS,

WEAKNESS, RAPID INEFFECTIVE BREATHING, LOW BLOOD PRESSURE, CONVULSIONS AND MAY BE FATAL. CHRONIC: NOT KNOWN.

Explanation of Carcinogenicity: DATA PER MSDS.

Effects of Overexposure: SEE HEALTH HAZARDS DATA.

First Aid

First Aid: INGESTION: CALL A PHYSICIAN; KEEP CYANIDE ANTIDOTE KIT ON HAND AT ALL TIMES; IF SWALLOWED, IF UNCONSCIOUS, BREAK AN AMYL NITRITE PEARL IN A CLOTH AND HOLD LIGHTLY UNDER NOSE FOR 15 SECONDS; INDUCE VOMITING WHEN CONSCIOUS. INHALATION: REMOVE TO FRESH AIR, GIVE CPR/OXYGEN REPEAT AS FOR INGESTION. SKIN & EYES: FLUSH WITH PLenty OF WATER FOR 15-20 MINUTES, CALL PHYSICIAN AT ONCE.

Fire Fighting

Flash Point: NONE

Extinguishing Media: USE SUITABLE MEDIA FOR SURROUNDING FIRE.

Fire Fighting Procedures: USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED AREA.

Unusual Fire/Explosion Hazard: NOT EXPECTED.

Accidental Release

Spill Release Procedures: USE PROPER PERSONAL PROTECTION (FULL PROTECTIVE CLOTHING/SCBA) SWEEP UP OR RECOVER FOR PROPER DISPOSAL.

Handling

Handling and Storage Precautions: KEEP CONTAINER TIGHTLY CLOSED; ISOLATE FROM COMPATIBLE MATERIALS; STORAGE COLOR CODE: BLUE HEALTH.

Exposure Controls

Respiratory Protection: USE NIOSH/MSHA APPROVED SCBA IF ABOVE TLV/PEL.

Ventilation: LOCAL EXHAUST TO MAINTAIN PEL/TLV.

Protective Gloves: RUBBER.

Eye Protection: SAFETY GOGGLES.

Other Protective Equipment: APRON, EYE-WASH FACILITIES.

Work Hygienic Practices: AVOID CONTACT WITH EYES AND SKIN; DO NOT BREATHE VAPORS/MIST/DUST; WASH THOROUGHLY AFTER USE. DO NOT TAKE INTERNALLY.

Supplemental Safety and Health

Chemical Properties

HCC: T3

Spec Gravity: 3.95

Solubility in Water: NEGLIGIBLE

Appearance and Odor: WHITE TO GRAY POWDER, FAINT ALDEHYDE ODOR.

Percent Volatiles by Volume: 0.0

Stability

Stability Indicator/Materials to Avoid: YES

STRONG ACIDS, FLUORINE, AMMONIA, HYDROGEN PEROXIDE, STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: LIGHT, HEAT.

Hazardous Decomposition Products: HCN, CYANIDES, OXIDES OF NITROGEN, CO, CO*2.

Disposal

Waste Disposal Methods: CONSULT LOCAL AUTHORITIES. DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.