

CP CHEMICALS, INC -- COPPER CYANIDE -- 6810-01-228-3360

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

Product ID:COPPER CYANIDE

MSDS Date:06/01/1988

FSC:6810

NIIN:01-228-3360

MSDS Number: BMGZM

=== Responsible Party ===

Company Name:CP CHEMICALS, INC

Address:1 PARKER PLZ

City:FT LEE

State:NJ

ZIP:07024

Country:US

Info Phone Num:201-944-6020

Emergency Phone Num:800-424-9300(CHEMTREC)

CAGE:8C813

=== Contractor

Identification ===

Company Name:CP CHEMICALS, INC

Address:1 PARKER PLZ

Box:City:FT LEE

State:NJ

ZIP:07024

Country:US

Phone:800-424-9300(CHEMTREC)

CAGE:8C813

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

Ingred Name:COPPER CYANIDE (SARA III) *

CAS:544-92-3

RTECS #:GL7150000

Fraction by Wt: 99%+%

Other REC Limits:NOT DETERMINED

OSHA PEL:1 MG CU/M3 *

ACGIH TLV:1 MG CU/M3 *

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

=====
Hazards Identification
=====

=====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EXPOSURE TO SMALL AMOUNTS OF CYANIDE
OVER LONG PERIODS OF TIME CAN CAUSE LOSS OF APPETITE, IRRITATION OF
EYES AND UPPER RESPIRATORY TRACT.
Explanation of Carcinogenicity:COMPOUND NOT LISTED BY NTP, IARC OR OSHA
AS A CARCINOGEN.
Effects of Overexposure:ACUTE-DIZZINESS, CONFUSION, HEADACHE, VOMITING,
LOSS OF CONSCIOUSNESS, DEATH. CHR
ONIC-HEADACHE, WEAKNESS, NAUSEA.
Medical Cond Aggravated by Exposure:PRE-EXISTING ALLERGIES - SKIN AND
CONJUNCTIVAE, RESPIRATORY TRACT.

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

First Aid:GET IMMEDIATE MEDICAL ATTENTION, FOR ALL EXPOSURES. EYE-WASH
WITH COPIOUS AMOUNTS OF WATER (UNDER LIDS) FOR 15 MINUTES.
SKIN-WASH THOROUGHLY WITH PLENTY OF WATER. REMOVE CONTAMINATED
CLOTHES. INHALE-R EMOVE TO FRESH AIR, HAVE VICTIM LIE DOWN. START
TREATMENT WITH
CYANIDE FIRST AID KIT# (AMYL NITRITE INHALANT). AMYL
NITRATE INHALE, ONE AMPULE EVERY 5 MINUTES. DELAY GASTRIC
LAVAGE/CATHARSIS FOR DOC.

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

Extinguishing Media:DO NOT USE CARBON DIOXIDE; USE ALKALINE DRY
CHEMICAL
Fire Fighting Procedures:AVOID FLUSHING TO SEWER OR STREAM; POISONOUS
TO HUMANS & ANIMALS.
Unusual Fire/Explosion Hazard:CONTACT WITH DILUTE ACID WILL RELEASE
TOXIC & FLAMMABLE HYDROGEN CYANIDE GAS.

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

Spill Release Procedures:DO NOT FLUSH TO SEWER OR STREAM. COVER WITH
LIME; PICK UP DRY FOR DISPOSAL. WASH CONTAMINATED AREA WITH
HYPOCHLORITE SOLN TO OXIDIZE RESIDUAL CYANIDE.

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

Handling and Storage Precautions:DO NOT SHIP OR STORE NEXT TO ACIDS OR
OXIDIZERS. KEEP CONTAINERS TIGHTLY CLOSED.
Other Precautions:AVOID CONTACT WITH SKIN, EYES OR MUCOUS

MEMBRANES. DO
NOT SWALLOW. KEEP SOLUTIONS ALKALINE.

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

Respiratory Protection:RESPIRATORS APPROVED FOR CYANIDE DUSTS OR MISTS.
Ventilation:ADEQUATE LOCAL EXHAUST & EXHAUST FAN.
Protective Gloves:RUBBER GAUNTLET
Eye Protection:CHEM SAFETY GLASSES
Other Protective Equipment:RUBBER BOOTS, APRON.
Work Hygienic Practices:HAVE ON HAND CYANIDE FIRST AID KIT. (ELI-LILLY
ITEM #M76-NDC#0002-238-5)
Supplemental Safety and Health

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

HCC:T2
Melt/Freeze Pt:M.P/F.P Text:887F,475C
Spec Gravity:2.9
Solubility in Water:NEGLIGIBLE
Appearance and Odor:OFF-WHITE TO CREAM POWDER, FAINT ALMOND ODOR.

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

Stability Indicator/Materials to Avoid:YES
ACIDS & OXIDIZING MATERILAS.
Hazardous Decomposition Products:HYDROGEN CYANIDE GAS.
Conditions to Avoid Polymerization:ACIDIFICATION. HYDROGEN CYANIDE GAS
MAY POLYMERIZE VIOLENTLY.

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

Waste Disposal Methods:AS PRESCRIBED FOR CYANIDES & HEAVY METALS BY
LOCAL, STATE & 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 li

ability 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.