

BETZ LABORATORIES INC -- COPPER STANDARD, 100PPM, 334 -- 6810-00-300-6178  
===== Product Identification =====

Product ID:COPPER STANDARD, 100PPM, 334

MSDS Date:02/16/1991

FSC:6810

NIIN:00-300-6178

MSDS Number: BQSDQ

=== Responsible Party ===

Company Name:BETZ LABORATORIES INC

Address:4636 SOMERTON RD

City:TREVOSE

State:PA

ZIP:19053

Country:US

Info Phone Num:800-877-1940

Emergency Phone Num:800-877-1940

CAGE:24774

=== Contractor Identification ===

Company Name:BETZDEARBORN INC.

Address:4636 SOMERTON ROAD

Box:City:TREVOSE

State:PA

ZIP:19053

Country:US

Phone:215-355-3300

CAGE:24774

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

Ingred Name:NONHAZARDOUS INGREDIENTS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:N

O IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: SKIN: SLIGHTLY IRRITATING. EYE: MODERATELY IRRITATING. INHAL: MISTS/AEROSOLS MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT. CHRONIC: NO EVIDENCE OF POTENTIAL CHRONIC EFFECTS.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:INHALATION MAY CAUSE IRRITATION OF RESPIRATORY TRACT; SKIN CONTACT MAY CAUSE ITCHING AND/OR REDNESS.

Medical Cond Aggravated by Exposure:NOT KNOWN.

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First Aid Measures =====

First Aid:SKIN:REMOVE CONTAMD CLTHG. WASH EXPOSED AREA W/A LG QTY OF SOAP SOLN/WATER FOR 15 MIN. EYE:IMMED FLUSH W/WATER FOR @ LST 15 MIN. IMMED CONT PHYS FOR ADDNL TRTMT. INHAL: REMOVE FROM CONTAMD AREA TO FRE SH AIR. APPLY APPROP FIRST AID TRTMT ASNEC. INGEST:GEN-DO NOT FEED ANYTHING BY MOUTH TO AN UNCON PERSON/CONVULS VICTIM. SPEC-DILUTE CONTENTS OF STOM. INDUCE VOMIT BY ONE OF STD METH. IMMED CONT PHYS.

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Fire Fighting Measures =====

Flash Point Method:SCC

Flash Point:>200F,>93C

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, FOAM/WATER.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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Accidental Release Measures =====

Spill Release Procedures:GEN-VENT AREA, USE SPECIFIED PROT EQUIP.CNTN & ABSORB ON ABSORB MATL.PLACE IN WASTE DISP CONT

R. WASTE CHARACT OF ABSORBED MATERIAL/ANY CONTAMD SOIL, SHOULD BE DETERM I/A/W RCRA REGS.SPEC-FLUSH AREA W/ WATER. WET AREA MAY BE SLIPPERY. SPREADSAND/GRIT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage =====

Handling and Storage Precautions:KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT FREEZE. IF FROZEN, THAW AND MIX COMPLETELY PRIOR TO USE. NORMAL CHEMICAL HANDLING.

Other Precautions:NONE SPECIFIED BY MAN

UFACTURER.

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

Respiratory Protection:USE PROT EQUIP I/A/W 29CFR SEC 1910.132-134. USE NIOSH/MSHA APPRVD RESP W/IN LIM/ELSE USE SUPPLIED AIR RESP. IF VENTILATION IS INADEQUATE/SIGNIFICANT REAGENT EXPOSURE IS LIKELY, USE A NIOSH/MSHA APPRO VED RESPIRATOR W/DUST/MIST FILTERS.

Ventilation:ADEQUATE VENTILATION TO MAINTAIN AIR CONTAMINANTS BELOW EXPOSURE LIMITS.

Protective Gloves:RUBBER GLOVES.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH OFF AFTER EACH USE. REPLACE GLOVES AS NECESSARY.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

Vapor Pres:18

Vapor Density: