

LEO UHLFELDER CO -- LUCO BRONZE POWDERS -- 8010-00-051-8722

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

Product ID:LUCO BRONZE POWDERS

MSDS Date:10/30/1992

FSC:8010

NIIN:00-051-8722

MSDS Number: BSYJD

=== Responsible Party ===

Company Name:LEO UHLFELDER CO

Address:420 SOUTH FULTON AVENUE

City:MOUNT VERNON

State:NY

ZIP:10553

Country:US

Info Phone Num:914-664-8701

Emergency Phone Num:914-664-8701

CAGE:78956

=== Contractor Identification ===

Company Name:LEO UHLFELDER COMPANY

Address:420 SOUTH FULTON AVENUE

City:MT. VERNON

State:NY

ZIP:10553

Country:US

Phone:914-664-8701

CAGE:78956

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

Ingred Name:COPPER (SARA III)

CAS:7440-50-8

RTECS #:GL5325000

Fraction by Wt: 72-99%

OSHA PEL:0.1MG/M3 FUME/1 DUST

ACGIH TLV:0.2MG/M3 FUME

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ZINC (SARA III)

CAS:7440-66-6

RTECS #:ZG8600000

Fractio

n by Wt: 0-28%
OSHA PEL:10 MG ZNO/M3 STEL
ACGIH TLV:10 MG ZNO/M3 DUST
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:COPPER METAL IS SLIGHTLY TOXIC. DUST
IRRITATES NOSE & TRACHEA. GASTROENTERIC SYMPTOMS W/VOMITING &
INFLAMATION BY INH
ALATION OF DUST. METAL FUME FEVER, DERMATITIS BY
EXPOSURE. EFFECT IS TEMPORARY. CHR ONIC TOXICITY IS CONFINED TO
PERSONS SUFFERING FROM WILSON'S DISEASE.
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:SEE HEALTHH HAZARDS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INGEST:CALL MD IMMEDIATELY . INHAL:REMOVE TO FRESH AIR.
SUPPORT BREATHING (GIVE OXYGEN/ARTIFICIA
L RESPIRATION) .
EYES:IMMEDIATELY FLUSH EYES W/POTABLE WATER FOR AT LEAST 15
MINUTES, SEEK A SSISTANCE FROM MD . SKIN:FLUSH W/COPIOUS AMOUNTS OF
WATER. CALL MD. . REMOVE FROM EXPOSURE IMMEDIATELY AND ALLOW TO
REST.

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

Flash Point:NOT KNOWN
Extinguishing Media:MEDIA SUITABLE FOR SURROUNDING FIRES .
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Haz
ard:NOT DANGEROUS.

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

Spill Release Procedures:SWEEP GENTLY TO AVOID DUST CLOUD FORMATION.
WEAR SAFETY GOGGLES W/SIDE SHIELD, DUST MASK & GLOVES.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.
Other Precautions:DO NOT TAKE INTERNALLY.

===== Exposure Controls/Personal Protection

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Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN . USE ONLY IN OPEN VENTILATED AREAS.
Ventilation:SUFFICIENT VENT, IN VOL & PATTERN, SHOULD BE PROVIDED TO KEEP CONTAM BELOW CURRENT APPLIC OSHA PERMISSABLE LIMITS.
Protective Gloves:REQD FOR THOSE W/EXTREME SENSITIVITY.
Eye Protection:ANSI APPR CHEMICAL WORKERS GOGGLES
Other Protective Equipment:COVERALLS, PROTECTIVE CREAM ON EXPOSED SKIN SURFACES.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
BOILING POINT:CU:2300C ZN:930C. VAPOR DENSITY: CU:HEAVIER ZN:LIGHTER.
EVAPORATION RATE: CU:FASTER ZN:SLOWER (ETHER).

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

Boiling Pt:B.P. Text:SUPDAT
Vapor Pres:NO
Vapor Density:SUPDAT
Spec Gravity:0.017
Evaporation Rate & Reference:SUPDAT
Solubility in Water:NOT KNOWN
Appearance and Odor:BRONZE FLAKE

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

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Stability Indicator/Materials to Avoid:YES
OXIDIZING ACIDS & OTHER COPPER REACTIVE AGENTS.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:MINERAL ACID DECOMPOSITION YIELDS HYDROGEN & TOXIC COPPER COMPOUNDS.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS .

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