

BELMONT METALS INC -- CUPRIC OXIDE -- 6810-01-376-5842

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Product Identification
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Product ID:CUPRIC OXIDE

MSDS Date:02/01/1995

FSC:6810

NIIN:01-376-5842

MSDS Number: BYFNP

=== Responsible Party ===

Company Name:BELMONT METALS INC

Address:330 BELMONT AVE

City:BROOKLYN

State:NY

ZIP:11207

Country:US

Info Phone Num:718-342-4900

Emergency Phone Num:718-342-4900

Preparer's Name:NONE

CAGE:70774

=== Contractor Identification ===

Company Name:BELMONT METALS INC

Address:330 BELMONT AVE

Box:City:BROOKLYN

State:NY

ZIP:11207

Phone:718-342-4900

CAGE:70774

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Composition/Information on Ingredients
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Ingred Name:CUPRIC OXIDE

CAS:1317-38-0

RTECS #:GL7900000

Fraction by Wt: 98.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG CU/M3

ACGIH TLV:1 MG CU/M3

Ingred Name:CUPROUS OXIDE

CAS:1317-39-1

Fraction by Wt: 1.5%

Other REC Limits:NONE RECOMMENDED

Ingred Name:COPPER (S)

ARA 313) (CERCLA)

CAS:7440-50-8

RTECS #:GL5325000

Fraction by Wt: 0.5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.1MG/M3 FUME/1 DUST

ACGIH TLV:0.2 MG/M3 FUME; 9495

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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===== 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:ACUTE: EYES: IRRITATION, PAIN

CONJUNCTIVITIS. INHALATION: MAY CAUSE RESPIRATORY IRRITATION (OXIDE POX), FEVER. INGESTION: NAUSEA, CHILLS, DIARRHEA. CHRONIC: COULD RESULT IN RESPIRATORY DISEASE IF OVE REXPOSED ON A CHRONIC BASIS.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:EYES: IRRITATION, PAIN, CONJUNCTIVITIS.

INHALATION: MAY CAUSE RESPIRATORY IRRITATION (OXIDE POX), FEVER, RESPIRATORY DISEASE. INGESTION: NAUSEA, CHILLS, DIARRHEA.

Medical Cond Aggravated by Exposure:PRE-EXISTING

LUNG DISEASES MAY BE

AGGRAVATED BY EXPOSURE.

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

First Aid:EYES: IF IRRITATED, FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: IF SKIN IS IRRITATED, REMOVE CONTAMINATED CLOTHING. FLUSH AREA WITH LARGE AMOUNTS OF WATER. IF SYMPTOMS DEVELOPE, GE T MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. LAY PATIENT DOWN. COVER WITH BLANKET. GET MEDICAL ATTENTION. INGESTION: IF INGESTED, GET MEDICAL ATTENTION.

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

Extinguishing Media:WILL NOT BURN. USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:NONE KNOWN.

Unusual Fire/Explosion Hazard:CUPRIC OXIDE MAY REACT VIOLENTLY WITH STRONG REDUCTANTS,E.G.ORGANIC COMPOUNDS,AS HYDRAZINE,ACETYLENE CARBIDE COMPOUNDS,ACIDS,BASES,METALS LIKE AL,MG,B,K,TI,ETC.

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

Spill Release Procedures:CLE

AN UP WITH VACUUM OR CONVENTIONAL TOOLS.

AVOID DUSTING.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINER LID TIGHTLY CLOSED.

STORE IN A COOL, DRY PLACE.

Other Precautions:THIS PRODUCT CONTAINS COPPER CONPOUNDS AND IS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDENT AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372

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

Respiratory Protection:CARTRIDGE TYPE FILTER OR DUST MASK APPROVED BY MSHA OR NIOSH. REFER TO RESPIRATORY PROTECTION DEVICES APPROVED BY BUREAU OF MINES CIRCULAR IC 8436.

Ventilation:ADEQUATE TO KEEP EXPOSURE BELOW TLV. USE GENERAL DILUTION TYPE VENTILATION.

Protective Gloves:WEAR GLOVES IF SKIN CONTACT IS PROBABLE.

Eye Protection:SAFETY GLASSES OR GOGGLES.

Other Protective Equipment:LONG SLEEVE SHIRTS IF CONTACT IS PROBABLE AND SKIN IS SENSITIVE.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health
NONE

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:2255F,1235C

Decomp Temp:Decomp Text:1847F,1008C

Spec Gravity:6.0

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BLACK FINELY DIVIDED POWDER. NO ODOR.

Percent Volatiles by Volume:0.0

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

Stability Indicator/Materials to Avoid: YES

STRONG REDUCTANTS, E.G. ORGANIC COMPOUNDS, SUCH AS HYDRAZINE, ACETYLENE CARBIDE COMPOUNDS, ACIDS, BASES, AL, B, K, NU, TI, ZIR, ETC.

Stability Condition to Avoid: CUPRIC OXIDE MAY REACT VIOLENTLY WITH STRONG REDUCTANTS.

Hazardous Decomposition Products: COPPER FUMES WILL BE RELEASED IF CUPROUS OXIDE IS HEATED ABOVE ITS MELTING POINT (2255F).

Conditions to Avoid Polymerization: WILL NOT OCCUR.

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

Waste Disposal Methods: DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DISPOSE OF IN AN APPROVED LAND FILL IF ALLOWED BY LOCAL, STATE, AND FEDERAL AUTHORITIES.

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