

BELMONT METALS INC -- CADMIUM OXIDE -- 6810-00-281-8804

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Product Identification  
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Product ID:CADMIUM OXIDE

MSDS Date:02/01/1995

FSC:6810

NIIN:00-281-8804

MSDS Number: CGLRW

=== Responsible Party ===

Company Name:BELMONT METALS INC

Address:330 BELMONT AVENUE

City:BROOKLYN

State:NY

ZIP:11207

Country:US

Info Phone Num:718-342-4900

Emergency Phone Num:718-342-4900

CAGE:70774

=== Contractor I

dentification ===

Company Name:BELMONT METALS INC

Address:330 BELMONT AVE

Box:City:BROOKLYN

State:NY

ZIP:11207

Phone:718-342-4900

Contract Num:SP0450-00-M-D100

CAGE:70774

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Composition/Information on Ingredients  
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Ingred Name:CADMIUM OXIDE (SARA 302/313) (CERCLA)

CAS:1306-19-0

RTECS #:EV1925000

Fraction by Wt: 100.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.2 MG (CD)/M3 DUST

ACGIH TLV:0.01 MG(CD)/M3; 9596

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Hazards Identification  
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LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:TARGET ORGANS:RESPIRATORY SYSTEM, KIDNEY, LIVER, PROSTATE, BLOOD. ACUTE- CONTACT WITH EYES/SKIN MAY CAUSE IRRITATION. INHALATION CAN CAUSE PULMONARY EDEMA, TIGHT CHEST, PAIN, CHILLS. INGESTION IS UNKN OWN. CHRONIC- MAY CAUSE DERMATITIS, KIDNEY & LIVER INJURY, WEIGHT LOSS, ULCERA

TION OF NASAL SEPTUM.

Explanation of Carcinogenicity:LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.

Effects of Overexposure:IRRITATION, SHORTNESS OF BREATH, CHEST PAIN, WEAKNESS, HEADACHE, CHILLS, MUSCULAR PAIN, NAUSEA, VOMITING, DIARRHEA, SORE THROAT, REDNESS AND PAIN OF EYES, SWEATING, FEVER

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, KIDNEYS, LIVER MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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

First Aid:CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. CALL PHYSICIAN. SKIN:WASH WITH SOAP & WATER. INHALED:MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL:IF CONSCIOUS, INDUCE VOMITING. CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE FLUID OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAS CONVULSIONS.

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

Flash Point Method:OC

Flash Point:>5,000 1/2F

Lower Limits:NOT RELEVANT

Upper Limits:NOT RELEVANT

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, HALON OR ALCOHOL FOAM. WATER MAY BE INEFFECTIVE AS AN EXTINGUISHING AGENT, BUT WATER SPRAY OR FOG MAY BE USED AS A COOLING AGENT FOR CLOSED CONTAINERS.

Fire Fighting Procedures:USE OF SELF-CONTAINED BREATHING APPARATUS (SCBA) AND STRUCTURAL FIRE FIGHTING

TERS PROTECTIVE CLOTHING WILL  
PROVIDE LIMITED PROTECTION.

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING & RESPIRATORY  
EQUIPMENT SUITABLE FOR TOXIC DUSTS. SWEEP, SCOOP OR PICK UP SPILLED  
MATERIAL. VACUUMING OR WET SWEEPING MAY BE USED TO AVOID DUST  
DISPERSAL. PACKAGE FOR DISPOSAL . VENTIALTE CLOSED AREAS BEFFORE  
ENTERING.

Neutralizing Agent:NOT RELEVANT

===== Handling and Storage =====  
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Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINER, IN  
SECURE PLACE, AWAY FROM INCOMPATIBLES. NO FOOD IN THE WORK AREA.

Other Precautions:AVOID CREATING DUST. AVOID EYE OR SKIN CONTACT. AVOID  
INHALATION OF DUST. WASH THOROUGHLY AFTER HANDLING. KEEP OUT OF  
REACH OF CHILDREN. OBEY HAZARD WARNING LABEL. USE WITH ADEQUATE  
VENTILATION. CAN C AUSE LUNG CANCER.

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

Respiratory Protection

:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE  
CONCENTRATIONS TO AN ACCEPTABLE LEVEL, A NIOSH-APPROVED DUST  
RESPIRATOR MUST BE WORN. IN EMERGENCY, WEAR NIOSH APPROVED SELF  
CONTAINED BREATHING APPARA TUS.

Ventilation:PROVIDE LOCAL EXHAUST ENCLOSURE VENTILATION TO MAINTAIN  
EXPOSURES BELOW OSHA GUIDELINES (29 CFR 1910.1000 SUBPARTZ).

Protective Gloves:CHEMICAL RESISTANT GLOVES AS NEEDED PREVENT SKIN  
CONTACT.

Eye Protection:WHERE POTENTIAL FOR EYE CONTACT WEAR SPLASH PROOF OR

DUST PROOF SAFETY GOGGLES.

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE  
CLOTHING AND/OR UNIFORM.

Work Hygienic Practices:CLEAN CONTAMINATED CLOTHING AND PROTECTIVE  
EQUIPMENT BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING MATERIAL.

Supplemental Safety and Health

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

HCC:T4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:NO DATA

Melt/Freeze Pt:M.P/F.P Text:NO DATA

Spec Gravity:8.15

Viscosity

:NOT RELEVANT

Evaporation Rate & Reference:NO DATA

Appearance and Odor:BROWN TO RED POWDER - ODORLESS

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

Stability Indicator/Materials to Avoid:YES

CADMIUM STRONG OXIDIZERS, ELEMENTARY SULFUR, SELENIUM TELLURIUM.

Hazardous Decomposition Products:MAY RELEASE TOXIC AND HAZARDOUS FUMES AND OXIDES OF CADMIUM.

===== Ecological Information =====

Ecological:EPA HAZARDOUS WASTE NO.: (40 CFR 261.33): N/A. EPA

REPORTABLE QTY.: (40 CFR 117.3): ONE POUND CADMIUM COMPOUNDS.

AQUATIC TOXICITY: 1,000 PPM/FISH/LC50/FRESH WATER.

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

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

===== MSDS Transport Information =====

Transport Information:49 CFR 172.101: HAZARDOUS MATERIAL

DESCRIPTION/SHIPPING NAME: CADMIUM COMPOUNDS,

CLASS 6.1, PACKING

GROUP:III, UN2570. LABEL: KEEP AWAY FROM FOOD. GUIDE NUMBER 53.

===== Regulatory Information =====

SARA Title III Information:SECTION 312, 40 CFR 370.40: PHYSICAL HAZARD:

FIRE. HEALTH HAZARD: ACUTE AND CHRONIC. SECTION 313 40 CFR 372.85: CADMIUM COMPOUNDS.

Federal Regulatory Information:THIS MATERIAL OR THE COMPONENTS OF THIS MATERIAL ARE INCLUDED IN THE TOXIC CHEMICAL INVENTORY AS REQUIRED IN SECTION 8(B) OF THE TOXIC SUB

STANCE CONTROL ACT (PUBLIC LAW

94-469) & IS CODIFIED IN 40 CFR 720.

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