

BIG RIVER ZINC CORPORATION -- CADMIUM OXIDE -- 6810-00-281-8804

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

Product ID:CADMIUM OXIDE

MSDS Date:01/05/1990

FSC:6810

NIIN:00-281-8804

MSDS Number: BJZTG

=== Responsible Party ===

Company Name:BIG RIVER ZINC CORPORATION

Address:ROUTE 3 & MONSANTO AVENUE

City:SAUGET

State:IL

ZIP:62201

Country:US

Emergency Phone Num:618-274-5000

CAGE:LO142

=== Contractor Identific

ation ===

Company Name:BIG RIVER ZINC CORPORATION

Address:ROUTE 3 & MONSANTO AVENUE

Box:City:SAUGET

State:IL

ZIP:62201

Country:US

CAGE:LO142

Company Name:GSA/FEDERAL COMMERCIAL ITEM DESCRIPTION

Address:PROMULGATED BY GENERAL SERVICES ADMIN.

Box:City:WASHINGTON

State:DC

Country:US

CAGE:58536

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

Ingred Name:CADMIUM OXIDE (SARA III)

CAS:1306-19-0

RTECS #:EV1925000

Fraction by Wt: 100.0%

OSHA PEL:SEE 1910.1027

ACGIH TLV:0.05 MG(CD)

Ingrid Name:RESP PROT: FACEPIECE OPERATED IN PRESS-DMD/OTHER POSITIVE PRESS MODE IN COMBINATION W/AUXILIARY NIOSH/MSHA (SEE ING 3)
RTECS #:9999999ZZ

Ingrid Name:ING 2: APPRVD SCBA OPERATED IN PRESS-DMD/OTHER POSITIVE PRESS MODE. SUPP DATA: AND COVER. KEEP UNNECESSARY (SEE ING 4)
RTECS #:9999999ZZ

Ingrid Name:ING 3: PEOPLE AWAY. ISOLATE HAZARD AREA AND DENY ENTRY.
RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE S
PECIFIED BY MANUFACTURER.

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:(ACUTE) SKIN & EYE: MAY CAUSE IRRIT.

INGEST: NONE KNOWN OR ANTICIPATED. INHAL: CADMIUM - PULM EDEMA, DYS-PNEA, COUGH, TIGHT CHEST, SUBSTERNAL PAIN, HDCH, CHILLS, MUSCLE ACHES, NAUS, DIARR & ANOSMIA. (C HRONIC) SKIN: MAY CAUSE DERMAT. EYE: MAY CAUSE CONJUNCTIVITIS. INGEST: NONE KNOWN OR ANTICIPATED.

(SEE EFTS
OF OVEREXP)

Explanation of Carcinogenicity:GROUP 2A (IARC), GROUP 2 (NTP).

Effects of Overexposure:HLTH HAZ: INHAL: CADMIUM - EMPHYSEMA, RENAL & LIVER DMG. WEIGHT LOSS, ULCERATION OF NASAL SEPTUM. STUDIES SUGGEST THAT EXPOS TO CADMIUM DUST & FUME INCREASES RISKS FOR PROSTRATE, RESPIRATORY, AND GENI TOURINARY CANCERS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN: REMOVE CONTAM

CLTHG. WASH AFFECTED AREAS W/SOAP/MILD

DETERGENT & LRG AMTS OF WATER. SEEK MD. EYE: WASH EYES W/ LRG AMTS OF WATER FOR AT LEAST 15 MIN. SEEK MD. INGEST: IF VICTIM IS CONSCIOUS INDU CE VOMIT. SEEK MD. INHAL: REMOVE VICTIMTO FRESH AIR ENVIRONMENT. IF BRTHG IS DFCLT ADMINISTER OXYGEN. IF BRTHG HAS STOPPED, ADMINISTER ARTF RESP. KEEP VICTIM WARM & CALM. SEEK MD.

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

Flash Point Method:OC

Flash Point:>5000F,>2760C

Extinguishing Media: DRY CHEM/CO2/HALON/ALCOHOL FOAM. WATER MAY BE INEFFECTIVE AS EXTINGUISHING AGENT, BUT WATER SPRAY/FOG MAY BE USED AS (SUPPLEMENTARY DATA)
Fire Fighting Procedures: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT.
Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures: INFORM SAFETY AND EMERGENCY RESPONSE PERSONNEL OF ANY LEAK/SPILL INVOLVING THIS MATERIAL & EVACUATE AREA IF THERE IS A LARGE RELEASE. CLEANUP PERSONNEL MUST USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION & SUITABLE PROTECTIVE CLOTHING (I. E. TYPE III DISPOSABLE CLOTHING). PROVIDE ADEQUATE (SUPPLEMENTARY DATA)
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: NO SPECIAL STORAGE REQUIREMENTS NOTED. HANDLE AS ANY HAZARDOUS CHEMICAL.
Other Precautions: NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection: KNOWN CONCENTRATION 19.5%: NO RESPIRATORY PROTECTION REQUIRED. KNOWN CONCENTRATION > PEL