

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 Identifi

cation ===

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

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

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

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

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

LD50 LC50 Mixture:NONE
SPECIFIED 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,
DYSPNEA, 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 EFT
S 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.

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

First Aid:SKIN: REMOVE CONTA
M 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.

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

Flash Point Method:OC
Flash Point:>5000F,>2760

C

Extinguishing Media: DRY CHEM/CO2/HALON/ALCOHOL FOAM. WATER MAY BE INEFT
AS EXTING AGENT, BUT WATER SPRAY/FOG MAY BE USED AS (SUPP DATA)
Fire Fighting Procedures: USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP .
Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures: INFORM SAFETY AND/EMERGENCY RESPONSE PERS OF
ANY LEAK/SPILL INVOLVING THIS MATL & EVAC AREA IF THERE IS A LRG
RELEASE. CL
EANUP PERS MUST USE NIOSH/MSHA APPRVD RESP PROT &
SUITABLE PROT CLTHG (I. E. TY VEK DISPOSABLE CLTHG). PROVIDE ADEQ
(SUPP 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 P
rotection: KNOWN CONC 19.5%: NO RESP
REQ. KNOWN CONC >PEL