

CITY CHEMICAL CORPORATION -- CADMIUM OXIDE, TECHNICAL -- 6810-00-281-8804

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

Product ID:CADMIUM OXIDE, TECHNICAL

MSDS Date:03/01/1996

FSC:6810

NIIN:00-281-8804

MSDS Number: BZNRJ

=== Responsible Party ===

Company Name:CITY CHEMICAL CORPORATION

Address:232 W.22ND STREET

City:NEW YORK

State:NY

ZIP:10011-2418

Country:US

Info Phone Num:201-653-6900/FAX -4468

Emergency

Phone Num:201-653-6900/800-424-9300(CHEMTREC)

CAGE:83628

=== Contractor Identification ===

Company Name:CITY CHEMICAL CORPORATION

Address:100 HOBOKEN AVE

City:JERSEY CITY

State:NJ

ZIP:07310

Country:US

Phone:201-653-6900/800-248-2436

CAGE:83628

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

Ingred Name:CADMIUM OXIDE (SARA 302/313) (CERCLA)

CAS:1306-19-0

RTECS #:EV1925000

Fraction by Wt: NEAR100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.2 MG (CD)/M3 DUST

ACGIH TLV:0.01

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

LD50 LC50 Mixture:LD50 (ORAL RAT) = 72 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE-MAY BE FATAL IF INHALED,
SWALLOWED, OR ABSORBED THROUGH THE SKIN. CAUSES EYE & SKIN
IRRITATION. IRRITATING TO RESPIRATORY TRACT. MAY CAUSE HEADACHE,
NAUSEA, VOMITING. CHRONIC-DAMAGES RO KIDNEYS, LUNGS.
CARCINOGEN.

Explanation of Carcinogenicity:CONTAINS C [7440-43-9] WHICH IS

LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.

Effects of Overexposure:NAUSEA, VOMITING, HEADACHE.

Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION OF MSDS.

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

First Aid:IF ANY IRRITATION PERSISTS OR SEVERE, GET MEDICAL ATTENTION.

EYE:FLUSH W/WATER FOR 15 MIN. SKIN:WASH W/SOAP & WATER. REMOVE
CONTAMINATED CLOTHING &

LAUNDER BEFORE REUSE. INHALED:REMOVE FROM

CONTAMINATED AREA. AID OR RESTORE BREATHING AS NEEDED.

INGESTED:WASH OUT MOUTH W/WATER & GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONE

Autoignition Temp:Autoignition Temp Text:NONE

Lower Limits:NONE

Upper Limits:NONE

Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING
FIRE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & FULL

PROTECTIVE CLOTHING TO PREVENT CONTACT W/SKIN & EYES.

Unusual Fire/Explosion Hazard:THIS MATERIAL LIKE MOST MATERIAL IN
POWDER FORM, IS CAPABLE OF CREATING A DUST EXPLOSION.

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

Spill Release Procedures:EVACUATE AREA. WEAR SELF-CONTAINED BREATHING
APPARATUS, RUBBER BOOTS, & RUBBER GLOVES. WEAR DISPOSABLE
COVERALLS & DISCARD AFTER USE. SWEEP UP, PLACE IN BAG & HOLD FOR
WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE

E AREA & WASH SITE
AFTER COMPLETION.

Neutralizing Agent:MFR GAVE NO INFORMATION OF MSDS.

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

Handling and Storage Precautions:CAUTION:REACTS VIOLENTLY W/MAGNESIUM.
KEEP TIGHTLY CLOSED. STORE IN A COOL, DRY PLACE.

Other Precautions:NONE

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

Respiratory Protection:WEAR APPROPRIATE NIOSH/MSHA APPROVED RESPIRATOR.
DO NOT BREATHE DUST.

Ventilation:USE ONLY IN
A CHEMICAL FUME HOOD.

Protective Gloves:CHEMICAL RESISTANT GLOVES

Eye Protection:SAFETY GOGGLES

Other Protective Equipment:OTHER PROTECTIVE CLOTHING, SAFETY SHOWER &
EYE BATH.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

AVOID PROLONGED &/OR REPEATED EXPOSURE. DO NOT GET IN EYES, ON SKIN OR
ON CLOTHING.

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

HCC:N1

NRC/State Lic Num:NONE

Spec Gravity:8.150

Appearance and Odor:RE

D-BROWN POWDER

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

Stability Indicator/Materials to Avoid:YES

ACIDS, OXIDIZING AGENTS

Stability Condition to Avoid:MFR GAVE NO INFORMATION OF MSDS.

Hazardous Decomposition Products:NATURE OF DECOMPOSITION PRODUCTS NOT
KNOWN.

Conditions to Avoid Polymerization:MFR GAVE NO INFORMATION OF MSDS.

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

Waste Disposal Methods:CONTACT A LICENSED PROFESSIONAL WASTE DISPOS

AL

SERVICE TO DISPOSE OF THIS MATERIAL I/A/W FEDERAL, STATE & LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and

assume responsibility for the suitability of this information to their particular situation.