

CITY CHEMICAL CORPORATION -- ZINC OXIDE, TECHNICAL -- 6810-01-376-5841  
===== Product Identification =====

Product ID:ZINC OXIDE, TECHNICAL  
MSDS Date:06/28/1995  
FSC:6810  
NIIN:01-376-5841  
MSDS Number: BXQHR  
=== 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:ZINC OXIDE (SARA 313) (CERCLA)  
CAS:1314-13-2  
RTECS #:ZH4810000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9495

===== Haz

ards Identification =====

LD50 LC50 Mixture:TWA: TOTAL DUST-AIR: 5 MG/M3

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

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

Health Hazards Acute and Chronic:MAY BE HARMFUL BY INHALATION,  
INGESTION, OR SKIN ABSORPTION. MAY CAUSE EYE IRRITATION. MAY CAUSE  
SKIN IRRITATION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:PROLONGED SKIN CONTACT CAN PRODUCE A SEVERE  
DERMATITIS CALLED OXIDE POX. EXPOSUR

E TO HIGH LEVELS OF DUST OR

FUME CAN CAUSE METALLIC TASTE, MARKED THIRST, COUGHING, FATIGUE,  
WEAKNESS, MUSCULAR PAIN & N AUSE, FOLLOWED BY FEVER & CHILLS.  
SEVERE EXPOSURE MAY RESULT IN BRONCHITIS OR PNEUMONIA WITH BLuish  
TINT TO THE SKIN.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS  
AMOUNTS OF WATER FOR AT LEAST 15 MIN

UTES. IN CASE OF CONTACT,

IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER. IF  
INHALED, REMOVE T O FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL  
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF SWALLOWED,  
WASH OUT MOUTH WITH WATER PROVIDED PERSON IN CONSCIOUS. CALL A  
PHYSICIAN.

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

Flash Point:NONCOMBUSTIBLE

Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING  
FIRE CONDIT  
IONS.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND  
PRPTECTIVE CLOTHING TO PREVENT SKIN AND EYES.

Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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

Spill Release Procedures:WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES,  
RUBBER BOOTS AND HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN A BAG AND  
HOLD FOR WASTE DISPOSAL. AVOID BREATHING DUST. VENTILATE AREA &  
WASH SPILL SITE AFTER MA

TER IAL PICKUP IS COMPLETE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:MAGNESIUM VIOLENTLY REDUCES ZINC OXIDE WHEN HEATED, RESULTING IN AN EXPLOSION, MIXTURES OF CHLORINATED RUBBER & ZINC OXIDE EXPLODE WHEN HEATED >215C.

Other Precautions:NONE

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Exposure Controls/Personal Protection  
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Respiratory Protection:WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRAT

Ventilation:MECHANICAL EXHAUST REQUIRED.

Protective Gloves:CHEMICAL RESISTANT GLOVES.

Eye Protection:SAFETY GOGGLES.

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

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

DO NOT BREATHE DUST.

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Physical/Chemical Properties  
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HCC:N1

Spec Gravity:5.606

Appearance and Odor:WHITE POWDER.

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NATURE OF DECOMPOSITION PRODUCTS NOT KNOWN.

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Disposal Considerations  
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Waste Disposal Methods:BURY IN ALNFILL SITE APPROVED FOR DISPOSAL PF CHEMICAL AND HAZARDOUS WASTES.

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