

CARBOLINE -- ZINC DUST -- 6810-00N017673

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

Product ID:ZINC DUST
MSDS Date:04/12/1990
FSC:6810
NIIN:00N017673
MSDS Number: BLCMZ
=== Responsible Party ===
Company Name:CARBOLINE
Address:350 HANLEY INDUSTRIAL CT
City:ST LOUIS
State:MO
ZIP:63144-1599
Country:US
Info Phone Num:314-644-1000
Emergency Phone Num:800-424-9300 (CHEMTREC)
CAGE:HO925

=== Contractor Identification ===

Company Name:CARBOLINE
Address:350 HANLEY INDUSTRIAL CT
Box:City:ST LOUIS
State:MO
ZIP:63144-1599
Country:US
Phone:314-644-1000
CAGE:HO925
Company Name:CARBOLINE CO
Address:350 S HANLEY INDUSTRIAL CT
Box:City:ST. LOUIS
State:MO
ZIP:63144-1599
Country:US
Phone:314-644-1000
CAGE:06634

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

Ingred Name:ZINC (SARA III)
CAS:7440-66-6
RTECS #:ZG8600000
Fraction by Wt: 100%
OSHA PEL:10 MG ZNO/M3
ACGIH TLV:10 MG ZNO/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:INHALATION OF EXCESSIVE
QUANTITIES OF DUST, PARTICULARLY IF FRESHLY FORMED ZINC OXIDE FUME
IS PRESENT WILL CAUSE "METAL FUME FEVER". SYMPTOMS INCLUDE
HEADACHE, FEVER, CHILLS, MUSCLE ACHES, NAUSEA, VOMITING, WEAKNESS
& TIREDNESS. ATTACK MAY LAST 6-24 HOURS. NO LONG-TERM EFFECTS
KNOWN. (SEE EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ:EYE:CONTACT WILL RESULT IN IRRITATION.
 Medical Cond Aggravated by Exposure:IF YOU HAVE A CONDITION THAT COULD
 BE AGGRAVATED BY EXPOSURE TO DUST OR ORGANIC VAPORS, SEE MD PRIOR
 TO USE.

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

First Aid:EYE:FLUSH W/WATER FOR AT LEAST 15 MIN. SKIN:WASH W/SOAP &
 WATER. REMOVE CONTAMINATED CLOTHING & CLEAN BEFORE REUSE.
 INHAL:REMOVE TO FRESH AIR. PROVIDE OXYGEN IF BREATHING IS
 DIFFICULT. USE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MD.
 INGEST:DO NOT INDUCE VOMITING. ALWAYS GET MD.

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

Extinguishing Media:DRY CHEMICAL. DO NOT USE WATER.
 Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP
 . EVACUATE HAZ AREA. COVER ALL OPEN ZINC DUST CNTNRS. DO NOT SPREAD
 OUT MATL. WATER WILL REACT (SUPP DATA)
 Unusual Fire/Explosion Hazard:HYDROGEN GAS EVOLVES WHEN IN CONTACT
 W/MOISTURE, ALKALIS OR ACIDS. MAY EXPLODE ON CNTCT W/OXIDIZING
 AGENTS SUCH AS SULFUR & OXYGEN OR OTHERS.

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

Spill Release Procedures:USE DRY CLEANUP METHODS THAT DO NOT DISPERSE
 DUST INTO AIR. AVOID BREATHING DUST. TAKE UP MATERIAL & SEAL
 TIGHTLY FOR PROPER DISPOSAL.
 Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT & WATER & STRONG
 OXIDIZING AGENTS. KEEP CNTNRS CLOSED. STORE IN COOL, DRY PLACE
 W/ADEQUATE VENTILATION.
 Other Precautions:DO NOT WELD, HEAT OR DRILL ON FULL OR EMPTY
 CONTAINERS.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED AIR-PURIFYING RESPIRATOR
 WHEN NECESSARY.
 Ventilation:USE EXPLOSION-PROOF VENTILATION AS REQUIRED. USE ONLY
 W/VENTILATION TO KEEP LEVELS BELOW EXPOSURE GUIDELINES.
 Protective Gloves:IMPERVIOUS GLOVES.
 Eye Protection:CHEMICAL WORKERS GOGGLES .
 Other Protective Equipment:WEAR IMPERVIOUS CLOTHING.
 Work Hygienic Practices:WASH W/SOAP & WATER BEFORE EATING, DRINKING OR
 USING TOILET FACILITIES. LAUNDRER CONTAMINATED CLOTHING BEFORE
 REUSE.
 Supplemental Safety and Health
 FIRE FIGHT PROC:W/HOT ZINC DUST TO FORM HYDROGEN WHICH IS AN EXPLOSIVE
 GAS.

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

HCC:N1
 Boiling Pt:B.P. Text:1665F, 907C
 Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

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

Stability Indicator/Materials to Avoid: YES
CONTACT W/STRONG OXIDIZING AGENTS.
Stability Condition to Avoid: WATER AND MOISTURE.
Hazardous Decomposition Products: HYDROGEN GAS W/WATER.

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

Waste Disposal Methods: DISPOSE OF I/A/W FEDERAL, STATE AND 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.