

MALLINCKRODT INC -- ZINC CHLORIDE -- 6810-00-063-6099

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Product Identification  
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Product ID:ZINC CHLORIDE  
MSDS Date:08/08/1985  
FSC:6810  
NIIN:00-063-6099  
MSDS Number: BSQBB  
=== Responsible Party ===  
Company Name:MALLINCKRODT INC  
Address:PARIS BYPASS  
Box:800  
City:PARIS  
State:KY  
ZIP:40361  
Country:US  
Info Phone Num:314-539-1600  
Emergency Phone Num:314-539-1600  
CAGE:62910  
=== Contractor Identifi  
fication ===  
Company Name:MALLINCKRODT SPECIALTY CHEMICALS CO  
Address:222 RED SCHOOL LANE  
Box:City:PHILLIPSBURG  
State:NJ  
ZIP:08865  
Country:US  
Phone:908-859-2151  
CAGE:62910

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Composition/Information on Ingredients  
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Ingred Name:ZINC CHLORIDE  
CAS:7646-85-7  
RTECS #:ZH1400000  
OSHA PEL:1 MG/CUM  
ACGIH TLV:1 MG/CUM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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Hazards Identification  
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LD50 LC50 Mixture:ORAL LD50 (RAT): 350 MG/KG  
Rout

es of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INHALATION: MAY BE CORROSIVE TO THE RESPIRATORY TRACT. INGESTION: IRRITATION/CORROSION TO THE GASTROINTESTINAL TRACT. SKIN: IRRITATION, SKIN BURN, ULCERATIONS. EYES: DAMAGE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: SORE THROAT, COUGHING, SHORTNESS OF BREATH, LABORED BREATHING. INGESTION: ABDOMINAL PAIN, NAUSEA,

VOMITING. SKIN: REDNESS, PAIN. EYES: BLURRED VISION, REDNESS, PAIN.

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

First Aid:INHALATION: REMOVE TO FRESH AIR IF NOT BREATHING GIVE CPR/OXYGEN IF NECESSARY. INGESTION: GIVE SEVERAL GLASSES OF WATER/MILK, VOMITING MAY OCCUR SPONTANEOUSLY BUT DON'T INDUCE. NEVER GIVE FLUIDS TO UN CONSCIOUS PERSON. SKIN: FLUSH W/WATER FOR 15 MINUTES, WHILE REMOVING CONTAMINATED CLOTHING & SHOES. EYES: WASH W/PLENTY OF WATE R FOR 15 MINUTES. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Extinguishing Media:USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING FIRE.

Fire Fighting Procedures:USE PROTECTIVE EQUIPMENT & SCBA.

Unusual Fire/Explosion Hazard:WHEN MIXED W/POTASSIUM A WEAK EXPLOSION WILL OCCUR ON IMPACT

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

Spill Release Procedures:VENTILATE AREA OF LEAK/SPILL. CLEAN-UP

PERSONNEL REQUIRE PROTECTIVE CLOTHING & RESPIRATORY PROTECTION FROM DUST. PICK UP & PLACE IN A SUITABLE CONTAINER FOR RECLAMATION/DISPOSAL IN A METHOD THAT DOESN 'T GENERATE DUST.

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

Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED CONTAINER, STORED IN A COOL DRY, VENTILATED AREA. PROTECT AGAINST PHYSICAL DAMAGE.

Other Precautions:DON'T WEAR CONTACT LENSES.

===== Exposure Controls/Personal P

rotection =====

Respiratory Protection:NIOSH APPROVED DUST/MIST RESPIRATOR  
Ventilation:LOCAL EXHAUST AT IT'S SOURCE  
Protective Gloves:REQUIRED  
Eye Protection:CHEMICAL SAFETY GOGGLES/FULL FACE SHIELD  
Other Protective Equipment:EYE WASH FOUNTAIN/QUICK DRENCH FACILITIES  
Work Hygienic Practices:REMOVE CONTAMINATED CLOTHING & SHOES.  
Supplemental Safety and Health

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

Boiling Pt:B.P. Text:1350 F  
Melt/Freeze Pt:M.P/F.P Text:55  
4 F  
Vapor Pres:1  
Spec Gravity:2.91  
Solubility in Water:COMPLETE  
Appearance and Odor:WHITE CRYSTALLINE GRANULES W/ODORLESS

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

Stability Indicator/Materials to Avoid:YES  
CYANIDES & SULFIDES, POTASSIUM  
Stability Condition to Avoid:HEAT  
Hazardous Decomposition Products:TOXIC FUMES OF CHLORINE & ZINC OXIDE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STA  
TE, &  
FEDERAL REGULATIONS.

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