

FREY SCIENTIFIC -- ZINC ACETATE,80141 -- 6810-00-270-3257

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

Product ID:ZINC ACETATE,80141

MSDS Date:08/18/1995

FSC:6810

NIIN:00-270-3257

MSDS Number: CCLQH

=== Responsible Party ===

Company Name:FREY SCIENTIFIC

Address:905 HICKORY LANE

City:MANSFIELD

State:OH

ZIP:44905

Country:US

Info Phone Num:419-589-1900

Emergency Phone Num:419-589-1900/800-424-9300(CHEMTREC)

P

reparer's Name:MICHAEL RASZEJA

CAGE:6U218

=== Contractor Identification ===

Company Name:FREY SCIENTIFIC

Address:100 PARAGON PARKWAY

Box:City:MANSFIELD

State:OH

ZIP:44905

Country:US

Phone:419-589-1900

CAGE:6U218

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

Ingred Name:ZINC ACETATE,DIHYDRATE

CAS:5970-45-6

RTECS #:ZG8750000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (

ORAL, RAT) IS 2460 MG/KG.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY & GI TRACTS. ACUTE- MAY CAUSE MILD EYE, SKIN & MUCOUS MEMBRANES IRRITATION. INHALATION MAY CAUSE RESPIRATORY TRACT IRRITATION, DIZZINESS, HEADACHE. INGESTION MAY CAUSE SEVERE GASTROINTESTINAL TRACT IRRITATION, STOMACH PAIN, FEVER, NAUSEA, VOMITING, DIARRHEA. CHRONIC- UNKNOWN

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SEVERE IRRITATION, PAIN, TEARING, HEADACHE, DIZZINESS, NAUSEA, VOMITING, DIARRHEA, FEVER

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15

MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:IF CONSCIOUS, RINSE MOUTH WITH WATER & DRINK 1-2GLASSES OF WATER/MILK. SEEK IMMEDIATE MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point:NONE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO CONTROL FIRE EXPOSED CONTAINERS.

CONTAINERS.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:IT EMITS ACRID SMOKE AND ZINC METAL AS FUME AND OXIDE.

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

Spill Release Procedures:RECOVER FOR USE IF NOT CONTAMINATED. WEAR PROTECTIVE SAFETY EQUIPMENT AND USE ADEQUATE VENTILATION. AVOID

MAKING DUST. SWEEP UP AND PLACE IN A SUITABLE CONTAINER FOR DISPOSAL. FLUSH SPILL AREA WITH WATER. DO NOT ALLOW WASH WATER TO POLLUTE STREAMS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN DRY, VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. AVOID INHALATION OF DUST. KEEP OUT OF REACH

OF CHILDREN. OBEY HAZARD

WARNING LABEL. FOR LABORATORY USE ONLY. NOT FOR DRUG, FOOD/HOUSEHOLD USE. USE WITH ADEQUATE VENTILATION.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF DUSTY CONDITIONS PREVAIL, WORK IN VENTILATION HOOD OR WEAR NIOSH-APPROVED DUST RESPIRATOR.

Ventilation:GOOD GENERAL VENTILATION IS SUFFICIENT FOR MOST CONDITIONS (10 ROOM VOLUMES PER HOUR).

Protective Gloves:LATEX TO MINIMIZE SKIN CONTACT

Eye Protection:SAFETY GLASSES OR DUST GOGGLES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING AND/OR UNIFORM

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Melt/Freeze Pt:M.P/F.P Text:459F,237C

Decomp Temp:Decomp Text:212F(-2H₂O)

Spec Gravity:1.735

Viscosity:NOT RE

LEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:SOLUBLE

Appearance and Odor:WHITE GRANULAR CRYSTAL WITH SLIGHT ACETIC ODOR

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

Stability Indicator/Materials to Avoid:YES

ZINC SALTS, ACACIA, ALKALIES, CARBONATES, OXALATES, PHOSPHATES, SULFIDES, LIMEWATER, STRONG OXIDIZING AGENTS

Stability Condition to Avoid:EXCESSIVE HEAT, OPEN FLAMES

Hazardous Decomposition Products:IT EMITS ACRID SMOKE AND ZINC METAL A

S

FUME, DUST OR OXIDES.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. CONTRACT WITH A LICENSED WASTE DISPOSAL SERVICE.

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