

Material Safety Data Sheets

ZOCO ZINC OXIDE

Section 1 - Product and Company Identification ZOCO ZINC OXIDE

Product Identification: ZOCO ZINC OXIDE
Date of MSDS: 06/14/1989 **Technical Review Date:** 09/14/1995
FSC: 6810 **NIIN:** LIIN: 00N044988
Submitter: N EN
Status Code: C
MFN: 01
Article: N
Kit Part: N

Manufacturer's Information

Manufacturer's Name: ZOCHEM
Manufacturer's Address1: 1 TILBURY CT
Manufacturer's Address2: BRAMPTON, ONTARIO, CA 00000
Manufacturer's Country: US
General Information Telephone: 416-453-4100;416-453-6477
Emergency Telephone: 416-453-4100;416-453-6477
Emergency Telephone: 416-453-4100;416-453-6477
MSDS Preparer's Name: E. SOETERIK
Proprietary: N
Reviewed: N
Published: Y
CAGE: 36065
Special Project Code: N

Contractor Information

Contractor's Name: ZOCHEM
Contractor's Address1: 1 TILBURY CT
Contractor's Address2: BRAMPTON, ONTARIO, CA 00000
Contractor's Telephone: 416-453-4100;416-453-6477
Contractor's CAGE: 36065

Section 2 - Compositon/Information on Ingredients
ZOCO ZINC OXIDE

Ingredient Name: PROPIONIC ACID (SARA III)
Ingredient CAS Number: 79-09-4 **Ingredient CAS Code:** M
RTECS Number: UE5950000 **RTECS Code:** M
=WT: =WT Code:
=Volume: =Volume Code:
>WT: >WT Code:
>Volume: >Volume Code:
<WT: <WT Code:
<Volume: <Volume Code:
% Low WT: % Low WT Code:
% High WT: % High WT Code:
% Low Volume: % Low Volume Code:
% High Volume: % High Volume Code:
% Text: 0.1
% Enviromental Weight:
Other REC Limits: N/K
OSHA PEL: 10 PPM **OSHA PEL Code:** M
OSHA STEL: **OSHA STEL Code:**
ACGIH TLV: 10 PPM **ACGIH TLV Code:** M
ACGIH STEL: N/P **ACGIH STEL Code:**
EPA Reporting Quantity: 5000 LBS
DOT Reporting Quantity: 5000 LBS
Ozone Depleting Chemical: N

Ingredient Name: ZINC OXIDE. %: 99.9-100
Ingredient CAS Number: 1314-13-2 **Ingredient CAS Code:** M
RTECS Number: ZH4810000 **RTECS Code:** M
=WT: =WT Code:
=Volume: =Volume Code:
>WT: >WT Code:
>Volume: >Volume Code:
<WT: <WT Code:
<Volume: <Volume Code:
% Low WT: % Low WT Code:
% High WT: % High WT Code:
% Low Volume: % Low Volume Code:
% High Volume: % High Volume Code:
% Text: SEE ING
% Enviromental Weight:
Other REC Limits: N/K
OSHA PEL: 10MG/M3 TDUST;5 FUME **OSHA PEL Code:** M
OSHA STEL: **OSHA STEL Code:**
ACGIH TLV: 10MG/M3 TDUST;5 FUME **ACGIH TLV Code:** M
ACGIH STEL: N/P **ACGIH STEL Code:**
EPA Reporting Quantity:
DOT Reporting Quantity:
Ozone Depleting Chemical: N

Section 3 - Hazards Identification, Including Emergency Overview
ZOCO ZINC OXIDE

Health Hazards Acute & Chronic: INHAL: DUST CAN CAUSE IRRIT OF NOSE, THROAT, & UPPER RESPIRATORY TRACT; COUGHING AND CHOKING. ZINC OXIDE IS CLASSIFIED AS A NUISANCE DUST. HOWEVER, INHALATION OF FRESHLY FORMED ZINC OXIDE CAN LEAD TO METAL FUME FEVER. SYMPTOMS: CHILLS, MILD FEVER AND ACHING MUSCLES AND JOINTS LASTING 24 HRS OR LESS. (EFTS OF OVEREXP)

Signs & Symptoms of Overexposure:

HLTH HAZ: INGEST: NON-TOXIC. ALTHOUGH INGESTION IS UNLIKELY, IT CAN RESULT IN CONSEQUENT PAIN, NAUSEA, VOMITING, THIRST, AND DIARRHEA. SKIN: DUST MAY IRRITATE OR DRY THE SKIN. EYE: DUST CAN CAUSE IRRITATION.

Medical Conditions Aggravated by Exposure:

NONE SPECIFIED BY MANUFACTURER.

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route of Entry Indicators:

Inhalation: YES

Skin: NO

Ingestion: YES

Carcinogenicity Indicators

NTP: NO

IARC: NO

OSHA: NO

Carcinogenicity Explanation: NOT RELEVANT

Section 4 - First Aid Measures
ZOCO ZINC OXIDE

First Aid:

INHAL: REMOVE TO FRESH AIR; IF BREATHING DIFFICULT, ASSIST BREATHING AND SEEK MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. EYE: FLUSH WITH COPIOUS QUANTITIES OF WARM WATER FOR AT LEAST 15 MIN. SEEK MEDICAL ATTENTION. INGEST: GET MD IMMEDIATELY (FP N).

Section 5 - Fire Fighting Measures
ZOCO ZINC OXIDE

Fire Fighting Procedures:

WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire or Explosion Hazard:

NONE SPECIFIED BY MANUFACTURER.

Extinguishing Media:

NONE; MATERIAL WILL NOT BURN. EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING FIRE (FP N).

Flash Point: Flash Point Text: NON COMBUSTIBLE

Autoignition Temperature:

Autoignition Temperature Text: N/A

Lower Limit(s): N/A

Upper Limit(s): N/A

Section 6 - Accidental Release Measures
ZOCO ZINC OXIDE

Spill Release Procedures:

SWEEP OR VACUUM SPILLS INTO A CONTAINER. SPILLED AREAS MAY BE WASHED WITH WATER, BUT DO NOT WASH INTO SEWER.

Section 7 - Handling and Storage
ZOCO ZINC OXIDE

Handling and Storage Precautions:

Other Precautions:

Section 8 - Exposure Controls & Personal Protection
ZOCO ZINC OXIDE

Respiratory Protection:

PROVIDE SUFFICIENT LOCAL VENTILATION IF TLV LIKELY TO BE EXCEEDED, WEAR NIOSH/MSHA APPROVED DUST MASK OR RESPIRATOR.

Ventilation: PROVIDE SUFFICIENT LOCAL VENTILATION.

Protective Gloves: IMPERVIOUS GLOVES (FP N).

Eye Protection: ANSI APPROVED SAFETY GOGGLES (FP N).

Other Protective Equipment: BARRIER CREAMS. FULL PROTECTIVE CLOTHING IS RECOMMENDED FOR BULK DUST HANDLING.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Health & Safety Information: SOLUBILITY IN H*2O: 0.00016 G/100 ML COLD WATER.

Section 9 - Physical & Chemical Properties
ZOCO ZINC OXIDE

HCC: N1

NRC/State License Number:

Net Property Weight for Ammo:

Boiling Point: Boiling Point Text: N/A

Melting/Freezing Point: Melting/Freezing Text: 1787F,975C

Decomposition Point: Decomposition Text: N/K

Vapor Pressure: N/A Vapor Density: N/A

Percent Volatile Organic Content:

Specific Gravity: 5.61

Volatile Organic Content Pounds per Gallon:

pH: N/K

Volatile Organic Content Grams per Liter:

Viscosity: N/P

Evaporation Weight and Reference: N/K

Solubility in Water: SUPP DATA

Appearance and Odor: FINE WHITE ODORLES POWDER.

Percent Volatiles by Volume: N/K

Corrosion Rate: N/K

Section 10 - Stability & Reactivity Data
ZOCO ZINC OXIDE

Stability Indicator: YES

Materials to Avoid: INTIMATE MIXTURES WITH CHLORINATED RUBBER ABOVE 216C.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: NONE.

Hazardous Polymerization Indicator: NO

Conditions to Avoid Polymerization: NOT RELEVANT

Section 11 - Toxicological Information
ZOCO ZINC OXIDE

Toxicological Information: N/P

Section 12 - Ecological Information
ZOCO ZINC OXIDE

Ecological Information: N/P

Section 13 - Disposal Considerations
ZOCO ZINC OXIDE

Waste Disposal Methods: WASTE ZINC OXIDE SHOULD BE HANDLED IN A MANNER WHICH COMPLIES WITH LOCAL, STATE/PROVINCIAL AND FEDERAL REGULATIONS FOR NON-HAZARDOUS MATERIALS.

**Section 14 - MSDS Transport Information
ZOCO ZINC OXIDE**

Transport Information: N/P

**Section 15 - Regulatory Information
ZOCO ZINC OXIDE**

SARA Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

**Section 16 - Other Information
ZOCO ZINC OXIDE**

Other Information: N/P

HAZCOM Label Information

Product Identification: ZOCO ZINC OXIDE

CAGE: 36065

Assigned Individual: N

Company Name: ZOCHEM

Company PO Box:

Company Street Address1: 1 TILBURY CT

Company Street Address2: BRAMPTON, ONTARIO, CA 00000 US

Health Emergency Telephone: 416-453-4100;416-453-6477

Label Required Indicator: Y

Date Label Reviewed: 10/27/1993

Status Code: C

Manufacturer's Label Number:

Date of Label: 10/27/1993

Year Procured: N/K

Organization Code: G

Chronic Hazard Indicator: N

Eye Protection Indicator: YES

Skin Protection Indicator: YES

Respiratory Protection Indicator: YES

Signal Word: WARNING

Health Hazard: Moderate

Contact Hazard: Moderate

Fire Hazard: None

Reactivity Hazard: None

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