

NEW JERSEY ZINC COMPANY -- HC-016, HC-238 -- 6140-01-086-0396

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

Product ID:HC-016, HC-238

MSDS Date:10/01/1981

FSC:6140

NIIN:01-086-0396

MSDS Number: BXBPL

=== Responsible Party ===

Company Name:NEW JERSEY ZINC COMPANY

Address:4TH STREET AND DELAWARE AVE

City:PALMERTON

State:PA

ZIP:18071

Country:US

Info Phone Num:215-826-8869

Emergency Phone Num:215-826-8869

CAGE:1

F136

=== Contractor Identification ===

Company Name:EAGLE-PICHER INDUSTRIES INC

Box:UNKNOW

CAGE:9L734

Company Name:EAGLE-PICHER INDUSTRIES, INC.

Address:C AND PORTER STS

Box:47

City:JOPLIN

State:MO

ZIP:64801

Country:US

Phone:417-623-8000

CAGE:81855

Company Name:NEW JERSEY ZINC COMPANY

Address:4TH STREET AND DELAWARE AVE

Box:City:PALMERTON

State:PA

ZIP:18071

Country:US

Phone:215-826-8869

CAGE:1F136

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

Ingred Name:ZINC OXIDE

CAS:1

314-13-2  
RTECS #:ZH4810000  
= Wt:99.3  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10MG/M3 TDUST/5 FUME  
ACGIH TLV:10MG/M3 TDUST; 9192

Ingred Name:LEAD (SARA III)  
CAS:7439-92-1  
RTECS #:OF7525000  
= Wt:0.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.05 MG/M3;1910.1025  
ACGIH TLV:0.15 MG/M3;DUST 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:CADMIUM (SARA III)  
CAS:7440-43-9  
RTECS #:EU9800000  
= Wt:0.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.1MG/M3FUME;0.2DUST  
ACGIH TLV:0.05 MG/M3 DUST;9192  
EP  
A Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

Ingred Name:ALUMINUM (SARA III)  
CAS:7429-90-5  
RTECS #:BD0330000  
= Wt:.05  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15MG/M3 DUST/5 FUME  
ACGIH TLV:10MG/M3 DUST; 9192

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

LD50 LC50 Mixture:TLV: 15 MG/M3  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: EXCESSIVE OVEREXPOSURE TO  
SUBLIMED ZINC OXID

E MAY PRODUCE SYMPTOMS KNOWN AS "ZINC OXIDE CHILLS" WHICH HAVE NO RECOGNIZED COMPLICATIONS. CHRONIC: NIF.  
Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SYMPTOMS USUALLY DISAPPEAR WITHIN 24 HOURS. SYMPTOMATIC TREATMENT, SUCH AS BED REST, POSSIBLY ASPIRIN, TO AFFORD RELIEF FROM FEVER AND CHILLS.

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

Flash Point:NIF  
Autoignition Temp:Autoignition Temp Text:NIF  
Lower Limits:NIF  
Upper Limits:NIF  
Extinguishing Media:NIF  
Fire Fighting Procedures:NON-FLAMMABLE  
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:AS WITH ANY NUISANCE DUST, AVOID EXCESSIVE DUSTING.

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

Handling and Storage Precautions:NONE  
Other Precautions:NONE

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

Respiratory Protection:USE NIOSH/MSHA APPROVED TYPE RESPIRATOR FOR DUSTING CONDITIONS.  
Ventilation:LOCAL EXHAUST-RECOMMENDED.  
Protective Gloves:RECOMMENDED.  
Eye Protection:USE SAFETY EYEWARE.  
Other Protective Equipment:NONE  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.  
Supplemental Safety and Health  
NONE

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

HCC:Z7  
Melt/Freeze Pt:=1975

.C, #####F

Vapor Pres:NIF

Vapor Density:NIF

Spec Gravity:5.61

Solubility in Water:INSOLUBLE

Appearance and Odor:WHITE POWDER WITH PALE GREEN TINT. NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

NIF

Stability Condition to Avoid:NIF

Hazardous Decomposition Products:NIF

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

Waste Disposal Methods:DISPOSE IN A CLOSED CONTAINER OR HEAVY BAG.

DISPOSER MUST C

OMPLY WITH FEDERAL, STATE AND LOCAL DISPOSAL OR

DISCHARGE LAWS.

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.