

ALEXANDER MFG CO. -- H4596, NICAD BATTERY, SEALED -- 6140-01-304-6422

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Product Identification  
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Product ID:H4596, NICAD BATTERY, SEALED

MSDS Date:09/01/1994

FSC:6140

NIIN:01-304-6422

MSDS Number: BZNMB

=== Responsible Party ===

Company Name:ALEXANDER MFG CO.

Address:1511 S. GARFIELD PL

Box:1508

City:MASON CITY

State:IA

ZIP:50401-5662

Country:US

Info Phone Num:515-423-8955

Emergency Phone

Num:515-423-1161

Preparer's Name:UNREADABLE

CAGE:56469

=== Contractor Identification ===

Company Name:ALEXANDER TECHNOLOGIES INC

Address:1511 S. GARFIELD PL

Box:1508

City:MASON CITY

State:IA

ZIP:50401

Country:US

Phone:515-423-1161/8955

CAGE:56469

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Composition/Information on Ingredients  
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Ingred Name:CADMIUM (SARA 313) (CERCLA)

CAS:7440-43-9

RTECS #:EU9800000

Fraction by Wt: 13 - 15%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.2 MG/M3 DUST; Z-2

ACGIH TLV:0.01 MG/M3 DU

ST:9495  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

Ingred Name:NICKEL (SARA 313) (CERCLA)  
CAS:7440-02-0  
RTECS #:QR5950000  
Fraction by Wt: 20 - 30%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9495

Ingred Name:POTASSIUM HYDROXIDE (CERCLA)  
CAS:1310-58-3  
RTECS #:TT2100000  
Fraction by Wt: 2-4%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:C 2 MG/M3  
ACGIH TLV:C 2 MG/M3; 9495  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE-N/A. CHRONIC-N/A.  
Explanation of Carcinogenicity:NO INFO AVAILABLE.  
Effects of Overexposure:NOTE: UNDER NORMAL USE H8834C BATTERY DOES NOT  
RELEASE TOXIC MATERIAL.

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

Flash Point:NO INFO AVAILABL  
Lower Limits:NO INFO  
Upper Limits:NO INFO  
Extinguishing Media:NO INFORMATION AVAILABLE  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS IF  
LARGE QUANTITIES OF BATTERIES ON FIRE. WAREHOUS OR DEPOT TYPE  
STORAGE  
Unusual Fire/Explosion Hazard:CADMIUM FUMES MAY BE RELEASED DURING  
BURNING.

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

Spill Release Procedures:ELECTROLYTE, POTASSIUM HYDROXIDE IS CAUSTIC.  
DO NOT ALLOW SKIN OR EYE CONTACT. FLUSH WITH WATER. THERE IS ONLY A  
TRACE AMOUNT OF POTASSIUM HYDROXIDE AVAILABLE IN THE BATTE

RY.

Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

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Handling and Storage  
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Handling and Storage Precautions:DO NOT INCINERATE OR MUTILATE; MAY BURST RELEASING TOXIC MATERIAL (CADMIUM FUMES).

Other Precautions:DO NOT SHORT CIRCUIT THE BATTERY, IT MAY CAUSE BURNS WHEN IN CONTACT WITH THE SKIN OR EYES.

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Exposure Controls/Personal Protection  
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Supplemental Safety and Health

ALEXANDER MFG. CO. CONSIDERS THIS BATTERY AN ARTICLE AS DEFINED IN 29

CFR 1910-1200 SECTION (C). THIS BATTERY DOES NOT RELEASE OR OTHERWISE RESULT IN EXPOSURE TO A HAZARDOUS CHEMICAL UNDER THE CONDITIONS OF INTENDED USE. ALEXANDER MFG LISTED "NO" FOR ALL TYPES OF CARCINOGENICITY.

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Physical/Chemical Properties  
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HCC:Z5

Boiling Pt:B.P. Text:NO INFO

Vapor Pres:NO INFO

Vapor Density:NO INFO

Spec Gravity:NO INFO AVAIL

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES

NO INFO AVAILABLE

Stability Condition to Avoid:BURNING (FIRE), RUPTURING.

Hazardous Decomposition Products:CADMIUM FUMES MAY BE RELEASED DURING A FIRE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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Disposal Considerations  
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Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies)

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