

ALEXANDER MFG CO. -- NICKEL CADMIUM BATTERY -- 6140-00-963-4979

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Product Identification
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Product ID:NICKEL CADMIUM BATTERY

MSDS Date:03/01/1990

FSC:6140

NIIN:00-963-4979

MSDS Number: BJXZQ

=== 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

-8955

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 III)

CAS:7440-43-9

RTECS #:EU9800000

OSHA PEL:SEE 1910.1027

ACGIH TLV:0.01 MG/M3 DUST;9394

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:NICKEL (SARA III)

CAS:7440-02-0

RTECS #:QR5950000

OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9192

Ingred Name:POTASSIUM HYDROXIDE (SARA III)
CAS:1310-58-3
RTECS #:TT2100000
OSHA PEL:C, 2 MG/M3
ACGIH TLV:C 2 MG/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:IF BATTERY LEAKS: IT MAY CAUSE
BURNS,SEVERE IRRITATION OF SKIN,EYES,MOUTH
,THROAT,ESOPHAGUS AND
STOMACH;INFLAMMATION OF BRONCHIAL MEMBRANES. CHRONIC:EROSION OF
TEETH,INFLAMMATION OF NOSE,THROAT AND BRO NCHIAL TUBES.
Explanation of Carcinogenicity:NICKEL & CADMIUM ARE LISTED AS
CARCINOGENIC UNDER IARC AND NTP.
Effects of Overexposure:COUGH,INCREASED RESPIRATORY
RATE,STINGING,BURNING SENSATION ON SKIN,EYE
IRRITATION,DISCOLORATION OF TEETH.
Medical Cond Aggravated by Exposure:NONE STATED.

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===== First Aid Measures =====
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First Aid:INHALE: REMOVE TO FRESH AIR. CONTACT A PHYSICIAN; EYES: FLUSH
WITH WATER FOR 15 MINUTES. CONTACT A PHYSICIAN; SKIN: WASH WITH
LARGE VOLUME OF WATER. MILD ACID MAY BE USED TO NEUTRALIZE; INGEST:
CONTAC T PHYSICIAN IMMEDIATELY.

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

Flash Point:NONE
Extinguishing Media:USE MEDIA SUITABLE FOR SURROUNDING FIRE.
Fire Fighting Procedures:IF INCINERATED USE NIOSH/MSHA APPROVED
POSITIVE PRESSURE SELF-CONT

AINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:TOXIC CADMIUM FUMES MAY BE RELEASED DURING BURNING.

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

Spill Release Procedures:FLUSH ELECTROLYTE SPILLS WITH WATER.
Neutralizing Agent:USE MILD ACIDS TO NEUTRALIZE.

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

Handling and Storage Precautions:DO NOT BREAK OPEN BATTERY CELL.
Other Precautions:DO NOT INCINERATE OR MUTILATE. DO NOT SHORT CIRCUIT -

MAY CAUSE BURNS.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF LEAKS & TLV IS EXCEEDED, USE NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS.
Ventilation:GENERAL (MECHANICAL) VENTILATION. LOCAL EXHAUST IN CONFINED AREAS.
Protective Gloves:NEOPRENE OR PVC.
Eye Protection:GOGGLES
Other Protective Equipment:NONE STATED.
Work Hygienic Practices:NONE STATED.
Supplemental Safety and Health

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

HCC:B1
pH:>7
Solubility in Water:INSOLUBLE
Appearance and Odor:SOLID BATTERY.

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

Stability Indicator/Materials to Avoid:YES
NONE STATED.
Stability Condition to Avoid:NONE STATED.
Hazardous Decomposition Products:TOXIC FUMES MAY BE RELEASED IF INCENERATED.

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

Waste Disposal Methods:CONSULT YOUR LOCAL ENVIRO

NMENTAL OFFICER.

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

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