

ALEXANDER MFG CO. -- R1012B NICAD BATTERY, SEALED -- 6140-00-401-4956

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Product Identification
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Product ID:R1012B NICAD BATTERY, SEALED

MSDS Date:04/01/1992

FSC:6140

NIIN:00-401-4956

MSDS Number: BRLXP

=== 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

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 AND CADMIUM HYDROXIDE

Fraction by Wt: 13-15%

Other REC Limits:0.2 MG/M3 CADMIUM

OSHA PEL:0.1 MG/M3 (FUME)

ACGIH TLV:0.05 MG/M3

Ingred Name:NICKEL AND NICKEL HYDROXIDE

Fraction by Wt: 20-3

0%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1.0 MG/M3
ACGIH TLV:1.0 MG/M3

Ingred Name:POTASSIUM HYDROXIDE (SARA III)
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; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 365 KG/M3 (KOH)
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:N
O IARC:YES OSHA:NO
Health Hazards Acute and Chronic:THESE BATTERIES ARE MANUFACTURED
"ARTICLES", WHICH DO NOT RESULT IN EXPOSURE TO A HAZARDOUS CHEMICAL
UNDER NORMAL CONDITIONS OF USE, AS DEFINED IN OSHA HCS
1910.1200(C). WHEN HANDLING RUPTURED BATTERY DO NOT GET ON SKIN,
IN EYES OR ON CLOTHING. DO NOT BREATHE VAPORS.
Explanation of Carcinogenicity:NICKEL AND CADMIUM ARE SUSPECTED HUMAN
CARCINOGENS.
Effects of Overexposure:ACUTE:EYE AND SKIN BURNS FROM POTASSIUM
HYDR
OXIDE.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING
EYELID. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH WATER.
REMOVE CONTAMINATED CLOTHING. GET MEDICAL ATTENTION. INHALATION:
REMOVE TO FRESH AIR. GET MEDICAL ATTENTION. INGESTION:DO NOT
INDUCE VOMITING. IF CONSCIOUS DRINK WATER. GET MEDICAL ATTENTION
IMMEDI

ATELY.

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Fire Fighting Measures
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Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING FIRE.
Unusual Fire/Explosion Hazard:CADMIUM FUMES MAY BE RELEASED DURING FIRE. BATTERIES MAY BURST AND RELEASE TOXIC FUMES.

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Accidental Release Measures
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Spill Release Procedures:WEAR GLOVES, PLACE BROKEN BATTERIES IN PLASTIC BAGS OR PLASTIC DRUMS FOR DISPOSAL. NEUTRALIZE RESIDUE WITH VINEGAR AND FLUSH WITH LARGE QUANTITIES OF WATER.
Neutralizing Agent:VINEGAR.

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Handling and Storage
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Handling and Storage Precautions:DO NOT SHORT CIRCUIT THE BATTERY. DO NOT THROW BATTERIES IN FIRE. DO NOT BREAK OPEN BATTERY CASE.
Other Precautions:NONE

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Exposure Controls/Personal Protection
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Respiratory Protection:IF MATERIALS ARE BEING INCINERATED, WEAR SELF-CONTAINED BREATHING APPARATUS.
Protective Gloves:RUBBER
Eye Protection:GOGGLES
Other Protective Equipment:RUBBER OR PLASTIC GARMENTS
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
NONE

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Physical/Chemical Properties
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HCC:N1
Appearance and Odor:NICKEL-CADMIUM SEALED BATTERY WITH PLASTIC CASE.

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Stability and Reactivity Data
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Hazardous Decomposition Products:METAL AND METAL OXID FUMES.

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

Waste Disposal Methods:SEND FOR RECYCLING OR DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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