

POWER-SONIC CORP -- RECHARGEABLE BATTERIES (PN:MIRAN 1B) -- 6140-01-393-0914

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Product Identification
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Product ID:RECHARGEABLE BATTERIES (PN:MIRAN 1B)

MSDS Date:01/02/1991

FSC:6140

NIIN:01-393-0914

MSDS Number: BZBSQ

=== Responsible Party ===

Company Name:POWER-SONIC CORP

Address:3106 SPRING ST

Box:5242

City:REDWOOD CITY

State:CA

ZIP:94063-3929

Country:US

Info Phone Num:415-364-5001

Emer

gency Phone Num:415-364-5001

CAGE:56309

=== Contractor Identification ===

Company Name:NETEX INDUSTRIES(FORMER NORTHEAST TEXAS IND)

Address:1700 NORTH EDWARDS STREET

Box:City:MOUNT PLEASANT

State:TX

ZIP:75455

Country:US

Phone:903-577-0388

CAGE:0WAG0

Company Name:POWER-SONIC CORP

Address:3106 SPRING ST

Box:5242

City:REDWOOD CITY

State:CA

ZIP:94063-3929

Country:US

Phone:650-364-5001

CAGE:56309

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

RCLA)
CAS:7440-43-9
RTECS #:EU9800000
Fraction by Wt: 13-16%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.2 MG/M3 DUST; Z-2
ACGIH TLV:0.01 MG/M3 DUST;9495
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:CADMIUM HYDROXIDE
CAS:21041-95-2
Fraction by Wt: 13-16%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.05 MG CD/M3
ACGIH TLV:0.05 MG CD/M3

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

Ingred Name:NICKEL HYDROXIDE (SARA 313) (CERCLA)
CAS:12054-48-7
RTECS #:QR7040000
Fraction by Wt: 20-30%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG(NI)/M3
ACGIH TLV:0.1 MG(NI)/M3; 9495
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

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

Ingred Name:SODIUM HYDROXIDE (CERCLA)
CAS

:1310-73-2
RTECS #:WB4900000
Fraction by Wt: 2-4%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:C 2 MG/M3; 9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:COBALT HYDROXIDE
CAS:21041-93-0
RTECS #:GG0904500
Fraction by Wt: 0.5-1%
Other REC Limits:0.1 MG/M3
OSHA PEL:0.05 MG/M3 (CO)
ACGIH TLV:0.05 MG/M3 (CO)

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES AND SKIN: POTASSIUM HYDROXIDE AND/OR SODIUM HYDROXIDE WILL BURN TISSUE. DERMATITIS MAY OCCUR WITH SKIN. INHALATION: CADMIUM-POSSIBLE LUNG OR KIDNEY DAMAGE. NICKEL-POSSIBLE LUNG DAMAGE. INGESTION: STOMACH IRRITATION.
Effects of Overexposure:SKIN/EYES: IRRITATION, BURNING SENSATION.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES; CONTACT PHYSICIAN. SKIN: WASH WITH LARGE VOLUME OF WATER; MILD ACID MAY BE USED TO NEUTRALIZE. INHALATION: REMOVE TO FRESH AIR; CONTACT PHYSICIAN. INGESTION: CONTACT PHYSICIAN IMMEDIATELY.

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

Flash Point:NONE
Extinguishing Media:NONE SPECIFIED BY MANUFACTURER.
Fire Fighting Procedures:IF INCINERATED USE NIOSH/MSHA APPROVED

POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:TOXIC CADMIUM OXIDE FUMES MAY BE RELEASED
DURING BURNING.

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

Spill Release Procedures:FLUSH ELECTROLYTE SPILLS WITH WATER. DO NOT
BREAK OPEN BATTERY CELL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT BREAK OPEN BATTERY CELL

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING
APPARATUS (IF BURNED).

Ventilation:PROTECT AGAINST CRACKING OF CASE MATERIAL. ADHERE TO PROPER
CHARGING PROCEDURE.

Protective Gloves:NEOPRENE OR PVC IF CELL BROKEN OPEN

Eye Protection:CHEMICAL GOGGLES IF CELL BROKEN OPEN

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practice

s:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

NONE

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

HCC:N1

Appearance and Odor:EACH BATTERY CELL IS A SEALED CYLINDRICAL
CONTAINER.

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

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:TOXIC FUMES MAY BE RELEASED

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE OR MUTILATE; DO NOT SHORT CIRCUIT-MAY CAUSE BURNS.

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