

POWER-SONIC CORP -- PS-SC RECHARGABLE BATTERIES -- 6140-01-013-8574

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Product Identification
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Product ID:PS-SC RECHARGABLE BATTERIES

MSDS Date:01/02/1991

FSC:6140

NIIN:01-013-8574

Status Code:A

MSDS Number: CJYWQ

=== 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:650-364-5001

Emergenc

y Phone Num:650-364-5001

CAGE:56309

=== Contractor Identification ===

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Composition/Information on Ingredients
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Ingred Name:CADMIUM & CADMIUM HYDROXIDE

Minumum % Wt:13.

Maxumum % Wt:16.

Other REC Limits:0.05 MG/M3

Ingred Name:NICKEL & NICKEL HYDROXIDE

Minumum % Wt:20.

Maxumum % Wt:30.

Other REC Limits:1.0 MG/M3

Ingred Name

:POTASSIUM HYDROXIDE OR SODIUM HYDROXIDE

Minumum % Wt:2.

Maxumum % Wt:4.

Other REC Limits:2.0 MG/M3

Ingred Name:COBALT HYDROXIDE

CAS:21041-93-0

RTECS #:GG0904500

Minumum % Wt:.5

Maxumum % Wt:1.

Other REC Limits:0.1 MG/M3

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===== Hazards Identification =====
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Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:EACH BATTERY CELL IS A SEALED

CYLINDRICAL CONTAINER ENCLOSURE

CONTAINING A CADMIUM ELECTRODE, NICKEL

ELECTRODE AND POTASSIUM HYDROXIDE OR SODIUM HYDROXIDE ELECTROLYTE.

IF BROKEN, LEAKING OR IN FIRE: ACUTE - POTASSIUM HYDROXIDE, SODIUM

HYDROXIDE: BURNS TO TISSUE CONTACTED; NICKEL: POSSIBLE CONTACT

DERMATITIS. INGESTION CAUSES STOMACH IRRITATION. CHRONIC- CADMIUM:

POSSIBLE LUNG OR KIDNEY DAMAGE; NICKEL: POSSIBLE LUNG DAMAGE.

Explanation of Carcinogenicity:CONTAINS CADMIUM AND NICKEL.

Effects of Overexposure:IF IN FIRE OR LEAKING: BURNS, IRRITATION,

PAIN.

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===== First Aid Measures =====
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First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED: REMOVE TO

FRESH AIR. CALL PHYSICIAN. EYES: FLUSH WITH WATER FOR 15 MINUTES.

HOLD EYELIDS OPEN. SEE PHYSICIAN. SKIN: WASH WITH LARGE AMOUNT OF

WATER; MILD ACID MAY BE USED TO NEUTRALIZE THE BASE. SWALLOWED: IF

BATTERY/OPEN BATTERY IS INGESTED, DO NOT INDUCE VOMITING OR GIVE

FOOD/DRINK. SEEK IMMEDIATE MEDICAL ATTENTION. CALL NATIONAL BATTERY

Y

INGESTION HOTLINE FOR ADVICE & FOLLOWUP (202-625-3333).

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===== Fire Fighting Measures =====
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Fire Fighting Procedures:IF INCINERATED USE NIOSH/MSHA APPROVED

POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA).

Unusual Fire/Explosion Hazard:TOXIC CADMIUM OXIDE FUMES MAY BE RELEASED

DURING BURNING.

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===== Accidental Release Measures =====
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Spill Release Procedures:FLUSH ELECTROLYTE SPILLS WITH WATER. DO NOT

BREAK OPEN BATTERY CELL.

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE. DO NOT SHORT CIRCUIT, MAY CAUSE BURNS.

Other Precautions:KEEP OUT OF REACH OF CHILDREN. DO NOT BREAK OPEN BATTERY CELL.

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

Respiratory Protection:NIOSH/MSHA APPROVED SCBA (IF BURNED).

Ventilation:ADEQUATE

Protective Gloves:NEOPRENE OR PVC IF CELL BROKEN OPEN.

Eye Protec

tion:CHEMICAL GOGGLES IF CELL BROKEN OPEN.

Other Protective Equipment:EYE BATH, WASHING FACILITY, LAB COAT OR UNIFORM.

Work Hygienic Practices:GOOD PRACTICE REQUIRES THAT GROSS AMOUNT OF ANY CHEMICAL BE REMOVED FROM THE SKIN AS SOON AS PRACTICAL.

Supplemental Safety and Health

DO NOT BREAK OPEN BATTERY CELL. PROTECT AGAINST CRACKING OF CASE MATERIAL. ADHERE TO PROPER CHARGING PROCEDURE.

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

HCC:Z5

Appearance and Odor:

EACH CELL IS SEALED CYLINDRICAL CONTAINER ENCLOSING ELECTRODES & ELECTROLYTES.

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:EXTREME HEAT, FIRE, DAMAGE, SHORT CIRCUITING.

Hazardous Decomposition Products:TOXIC FUMES MAY BE RELEASED IF INCINERATED.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods

:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL,
STATE, AND FEDERAL LAWS AND REGULATIONS. DO NOT INCINERATE OR
MUTILATE BATTERIES. DO NOT SHORT CIRCUIT; MAY CAUSE BURNS.

===== MSDS Transport Information =====

Transport Information:THESE BATTERIES ARE CONSIDERED "MANUFACTURED
ARTICLES" AS DEFINED IN 49 CFR 1910-1200 (C) AND NOT REGULATED FOR
TRANSPORTATION.

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