

POWER-SONIC CORP -- RECHARGEABLE BATTERIES -- 6140-01-174-7249

===== Product Identification =====

Product ID:RECHARGEABLE BATTERIES

MSDS Date:01/14/1990

FSC:6140

NIIN:01-174-7249

MSDS Number: BNCLD

=== 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/FAX 415-366-3662

Emergency Phone

Num:415-364-5001/FAX 415-366-3662

CAGE:56309

=== Contractor Identification ===

Company Name:BATTERY OUTLET INC

Address:1608 CAMPOSTELLA RD

Box:City:CHESAPEAKE

State:VA

ZIP:23324

Country:US

Phone:757-545-4442

CAGE:0FGN2

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

Company Name:PRECISION CABLE MFG CO INC

Address:1290 E I 30

Box:1448

City:ROCKWALL

State:TX

ZIP:75087-1448

Country:US

Phone:972-771-123

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Composition/Information on Ingredients
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Inged Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 17% %

Other REC Limits:NONE SPECIFIED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Inged Name:LEAD (SARA III)

CAS:7439-92-1

RTECS #:OF7525000

Fraction by Wt: 60% %

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.05 MG/M3;1910.1025

ACGIH TLV:0.15 MG/M3;DUST 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Inged Name:LEAD PEROXIDE

CAS:1309-60-0

RTECS #:OG0700000

Fraction by Wt: 20% %

Other REC Limits:NONE SPECIFIED

Inged Name:NON HAZARDOUS INGREDIENT

Fraction by Wt: BALANCE

Other REC Limits:NONE SPECIFIED

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Hazards Identification
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LD50 LC50 Mixture:NOT 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?SKIN: AVOID CONTACT WITH

ELECTROLYTE FROM SPILLED OR BROKEN BATTERY. ELECTROLYTE IS SULFURIC ACID - CORROSIVE. BATTERY UNIT IS CONSIDERED NON-SPILLABLE AND CONTAINS ELECTROLYTE IN A NON- CONDUCTIVE POLYSTYRENE CASING WHICH SHOULD NOT PRESENT UNDUE HEALTH OR CONTACT HAZARDS UNLESS CASING LEAKS OR IS BREACHED.

Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.

Effects of Overexposure:BURNING OR IRRITATION OF EYES/SKIN IF ELE

CTROLYTE ESCAPES AND IS CONTACTED.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. INGESTED: DRINK WATER OR MILK OF MAGNESIA AND GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONFLAMMABLE
Lower Limits:NONFLAMMABLE
Upper Limits:NONFLAMMABLE
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM OR DRY CHEMICAL AS APPROPRIATE FOR SURROUNDINGS
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY FIRE-EXPOSED CONTAINERS
Unusual Fire/Explosion Hazard:KEEP AWAY FROM OPEN FLAME AND SPARKS. IMPROPER CHARGING MAY RESULT IN THE BUILD UP OF EXPLOSIVE GASES .

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

Spill Release Procedures:MOP OR WIPE UP SPILLED ELECTROLYTE CAREFULLY. AVOID SKIN CONTACT.
Neutralizing Agent:SODIUM BICARBONATE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY AREA. PROTECT BATTERY FROM PHYSICAL DAMAGE. DO NOT INCINERATE.
Other Precautions:NO SPECIAL PRECAUTIONS UNLESS BATTERY IS BROKEN OR IS LEAKING.

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Exposure Controls/Personal Protection
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Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR SELECTION.

Ventilation:MECHANICAL (GENERAL) VENTILATION IS USUALLY ADEQUATE.

Protective Gloves:RUBBER GLOVES

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EMERGENCY EYEWASH STATION.

RUBBER APRON.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

MATERIAL IS A NON-SPILLABLE BATTERY WITH 17% SULFURIC ACID ELECTROLYTE.

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Physical/Chemical Properties
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HCC:N1

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:NOT GIVEN

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:NOT GIVEN

Appearance and Odor:RECTANGULAR SQUARE IN SHAPE, ORANGE IN COLOR, NO ODOR

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

SOLVENTS MAY DISOLVE CASE MATERIAL.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:SEVERE OVERCHARGING AND OVERHEATING MAY CAUSE HYDROGEN, OXYGEN, AND SULFUR OXIDE FUMES.

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Disposal Considerations
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Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE AND LOCAL REGULATIONS. SEND TO BATTERY RECYCLER.

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