

POWER-SONIC CORP -- RECHARGEABLE BATTERIES -- 6140-01-108-2159

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

Product ID:RECHARGEABLE BATTERIES

MSDS Date:01/14/1990

FSC:6140

NIIN:01-108-2159

MSDS Number: BMTQY

=== 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

Emergency Phone Num:415-364-5001

CAGE:56309

=== Contractor Identification ===

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:972-771-1233

CAGE:54840

=====  
Composition/Information on Ingredients  
=====

Ingred 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

Ingred 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

Ingred Name:LITHARGE  
CAS:1317-36-8  
RTECS #:OG1750000  
Fraction by Wt: 20%  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: CONTACT OF EYES AND SKIN WITH  
ELECTROLYTE MAY CAUSE BURNS OR IRRITATION. FUMES FROM OVERCHARGING  
MAY IRRITATE RESPIRATORY TRACT AND NASAL MUCOUS MEMBRANES.  
INGESTION OF ELECTROLYTE MAY CAUSE SEV ERE STOMACH DISTRESS.  
CHRONIC: NONE SPECIFIED BY MANUFACTURER.  
Explanation of Carcinogenicity:NO INGREDIENT OF THIS MATERIAL IN A  
CONCE  
NTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR  
SUSPECTED CARCINOGEN.  
Effects of Overexposure:INHALATION: COUGHING, WHEEZING, TIGHTNESS IN  
CHEST. EYES: REDNESS, BURNING SENSATION, TEARING. SKIN: REDNESS,  
BURNS. INGESTION: NAUSEA, VOMITING, SEVERE STOMACH PAIN.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. EYES: FLUSH WITH PLENTY OF  
WATER

FOR 15 MINUTES. SEE DOCTOR IMMEDIATELY. SKIN: FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. INGESTION: DO NOT INDUCE VOMITING. DRINK LARGE QUANTITIES OF MILK OR WATER; IF CONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

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

Extinguishing Media: DRY CHEMICAL, FOAM, WATER SPRAY

Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:

KEEP AWAY FROM OPEN FLAMES AND SPARKS.

IMPROPER CHARGING AND IGNITION OF RESULTING GASES CAN CAUSE EXPLOSION, PARTICULARLY IN GAS TIGHT ENCLOSURES.

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

Spill Release Procedures: ELECTROLYTE IS IMMOBILIZED AND COMPLETELY SECURED IN CASE. IF THE CASE IS CRACKED; AVOID CONTACT WITH ELECTROLYTE, WRAP TIGHTLY IN A PLASTIC BAG AND PLACE IN A CONTAINER FOR LATER DISPOSAL. IF NEEDED; NEUTRALIZE SPILL AREA.

Neutralizing Agent:

20% SODIUM BICARBONATE

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

Handling and Storage Precautions: STORE IN A COOL, DRY AREA.

Other Precautions: DO NOT OVERCHARGE.

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

Respiratory Protection: NONE NORMALLY REQUIRED.

Ventilation: USE ADEQUATE MECHANICAL VENTILATION.

Protective Gloves: NONE NORMALLY REQUIRED.

Eye Protection: NONE NORMALLY REQUIRED.

Other Protective Equipment: EYE WASH STATION & SAFETY SHOWER IF

POTENTIAL FOR DAMAGED/BROKEN BATTERIES HIGH.

Work Hygienic Practices: WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

WEAR SAFETY GLASSES/CHEMICAL SPLASH GOGGLES AND NITRILE OR NEOPRENE GLOVES IF SPILL OCCURS. THIS MSDS IS FOR A FORMULA CHANGE FROM A SILICA GEL TO AN ABSORBED OR RETAINED ELECTROLYTE BATTERY.

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

HCC: N

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

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

Stability Indicator/Materials to Avoid:YES

SOLVENTS WITH CASE; STRONG OXIDIZING AGENTS AND STRONG ALKALIS WITH ELECTROLYTE.

Stability Condition to Avoid:CONTACT OF BATTERY CASE WITH SOLVENTS. OVERCHARGING OF BATTERY.

Hazardous Decomposition Products:HYDROGEN, OXYGEN, SULFUR AND CARBON OXIDES.

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

Waste Disposal Methods:CONTAINS LEAD AND SULFURIC ACID (CORROSIVE). DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. MFGR SAYS DISPOSE OF SAME AS CAR BATTERIES. DO NOT INCINERATE.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.