

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:972-771-1233

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:LEAD PEROXIDE  
CAS:1309-60-0  
RTECS #:OG0700000  
Fraction by Wt: 20% %  
Other REC Limits:NONE SPECIFIED

Ingred Name:NON HAZARDOUS INGREDIENT  
Fraction by Wt: BALANCE  
Other REC Limits:NONE SPECIFIED

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

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 ELEC

TROLYTE 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.

=====

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

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.

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

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

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

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.

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

=====

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

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.