

POWER-SONIC CORP -- LCR12V17BP, POWERSONIC RECHARGEABLE BATTERIES --
6140-01-417-9154

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

Product ID:LCR12V17BP, POWERSONIC RECHARGEABLE BATTERIES

MSDS Date:01/14/1990

FSC:6140

NIIN:01-417-9154

Status Code:A

MSDS Number: CJQVW

=== Responsible Party ===

Company Name:POWER-SONIC CORP

Address:3106 SPRING ST

Box:5242

City:REDWOOD CITY

State:CA

ZIP:94063-3929

Country:US

I

nfo Phone Num:415-364-5001

Emergency Phone Num:415-364-5001

CAGE:56309

=== Contractor Identification ===

Company Name:CELL ENERGY INC

Address:3190-B ORANGE GROVE AVE

Box:City:NORTH HIGHLANDS

State:CA

ZIP:95660-5706

Country:US

Phone:916-484-7974

Contract Num:SP0430-99-M-AR23

CAGE:1U269

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

===== 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 OXIDE
CAS:1314-41-6
RTECS #:OG5425000
Fraction by Wt: 20%
Other RE
C 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:RISK ONLY OCCURS IF BATTERY IS
RUPTURED. ACUTE: BURNS, SKIN IRRITATION AND EYE DAMAGE FROM SULFURIC
ACID ELECTROLYTE. INHALATION: NASAL AND RESPIRATORY IRRITATION FROM
SULFUR OXIDE FUMES. INGESTION: STO MACH IRRITATION. CHRONIC: NONE
SPECIFIED BY M

ANUFACTURER.

Explanation of Carcinogenicity:THIS PRODUCTS INGREDIENTS ARE NOT FOUND
IN OSHA, NTP OR IARC LIST'S OF CARCINOGENS.

Effects of Overexposure:INHALE: NASAL AND RESPIRATORY IRRITATION FROM
SULFUR DIOXIDE FUMES. EYE OR SKIN: BURNS, SKIN IRRITATION AND EYE
DAMAGE. INGESTA: STOMACH IRRITATION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE-FLUSH WITH WATER AND OBTAIN MEDICA

L ADVICE. SKIN-FLUSH

WITH WATER AND OBTAIN MEDICAL ADVICE. INHALE-DISCONNECT BATTERIES AND VENTILATE AREA. INGEST-DRINK LARGE QUANTITIES OF WATER OR MILK, FOLLOWE D MY MILK OF MAGNESIA. CONTACT PHYSICIAN.

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

Flash Point:DIRECT FLAME

Extinguishing Media:USE WATER SPRAY, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:THE NON-CONDUCTIVE POLYSTRENE CASING IS NON-FLAMMABLE PER UL94 RATING VE-0 OR VE-1.

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:THE ELECTROLYTE IS IMMOBILIZED AND COMPLETELY SECURED WITHIN THE BATTERY CASE. IF CASE IS CRACKED AVOID CONTACT WITH ELECTROLYT, WRAP TIGHTLY IN POLYETHYLENE BAGS AND SAVE FOR DISPOSAL. NEUTRALIZE RES IDUE WITH SODIUM BIC

ARBONATE SOLUTION AND

RINSE WITH WATER.

Neutralizing Agent:DILUTE SODIUM BICARBONATE SOLUTION.

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

Handling and Storage Precautions:PROTECT AGAINST CRACKING OF CASE MATERIAL. ADHERE TO PROPER CHARGING PROCEDURES.

Other Precautions:NONE

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

Supplemental Safety and Health

CHARGING MUST BE DONE IN A WELL VENTILATED AREA.

=====
Physical/Chemical P
roperties
=====

HCC:Z4

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

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

Stability Indicator/Materials to Avoid:YES

SOLVENTS MAY DISSOLVE CASE MATERIAL.

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

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

Waste Disposal Methods:SEND FOR RECYCLI

NG OR DISPOSE OF IN ACCORDANCE
W/LOCAL, STATE & FEDERAL REGULATIONS.

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

Transport Information:NON-SPILLABLE BATTERY. NOT REGULATED.

===== Other Information =====

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 im
plied, 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.