

POWER-SONIC CORP, TECHNICAL DIV -- SEALED MAINTENANCE FREE LEAD ACID BATTERIES --  
6140-01-237-8005

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

Product ID:SEALED MAINTENANCE FREE LEAD ACID BATTERIES

MSDS Date:10/01/1994

FSC:6140

NIIN:01-237-8005

MSDS Number: BYHKL

=== Responsible Party ===

Company Name:POWER-SONIC CORP, TECHNICAL DIV

Address:SIEMMPRE VIVA ROAD, SUITES A-F

City:SAN DIEGO

State:CA

ZIP:92173

Country:US

Info Phone Num:619-575-2275

Emergency Phone Num:619-575-2275

Preparer's Name:ENGINEERING

CAGE:0WJ05

=== Contractor Identification ===

Company Name:POWER-SONIC CORP

Address:9163 SIEMPRE VIVA ROAD

Box:City:SAN DIEGO

State:CA

ZIP:92173

Country:US

Phone:619-661-2030

CAGE:0WJ05

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

Ingred Name:LEAD (SARA III) (PB, PBO2, PBSO)

CAS:7439-92-1

RTECS #:OF7525000

Fraction by Wt: 70%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:SEE

1910.1025

ACGIH TLV:0.15 MG/M3,DUST;9394

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9394

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:FIBERGLASS (FIBROUS GLASS) SEPARATOR

CAS:65997-17-3

Fraction by Wt: 5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 RESP DUST

ACGIH TLV:10 MG/M3 (300C(572F) MAY RELEASE COMBUSTIBLE GASES.

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

Spill Release Procedures:IF SULFURIC ACID IS SPILLED FROM BATTERY  
NEUTRALIZE ACID W/SODIUM BICARBONATE (BAKING SODA), SODIUM CARBON  
(SODA ASH), OR CALCIUM OXIDE (LIME).FLUSH AREA W/WATER & DISCARD TO  
SEWAGE SYSTEM. DO NOT ALL OW UNNEUTRALIZED AICD INTO SEWAGE SYSTEM.  
Neutralizing Agent:SODIUM BICARBONATE (BAKING SODA), SODIUM CARBON  
(SODA ASH), CALICUM OXIDE (LIME)

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

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Handling and Storage Precautions:DO NOT REST TOOLS OR CABLES ON THE  
BATTERY. USE INSULATED TOOLS ONLY. FOLLOW ALL INSTALLATION  
INSTRUCTIONS & DIAGRAMS WHEN INSTALLING BATTERY SYSTEM.

Other Precautions:ELECTRICAL SAFETY-DUE TO THE BATTERY'S LOW INTERNAL  
RESIST & HIGH POWER DENSITY, HIGH LEVELS OF SHORT CIRCUIT CURRENT  
CAN DEVELOPED ACROSS THE BATTERY TERMINALS.

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

Respiratory Protection:RESPIRATOR (FOR

LEAD). A RESPIRATOR SHOULD BE WORN DURING RECLAIM, OPERATIONS IF THE TLV IS EXCEEDED.  
Ventilation:NONE SPECIFIED BY MANUFACTURER.  
Protective Gloves:RUBBER GLOVES, APRON.  
Eye Protection:SAFETY GOGGLES, FACE SHIELD.  
Other Protective Equipment:PROTECTIVE EQUIPMENT MUST BE WORN IF BATTERY IS CRACKED OR OTHERWISE DAMAGED.  
Work Hygienic Practices:WASH HANDS AFTER HANDLING.  
Supplemental Safety and Health  
PER CTDF:DRY CHARGED W/ELECTROLYTE PACKED SEPARATELY & SHIPPED SIMULTANEOUSLY.

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

HCC:C1  
Melt/Freeze Pt:M.P/F.P Text:621F,327C  
Spec Gravity:11.34 LEAD  
Solubility in Water:NONE  
Appearance and Odor:SILVER-GRAY METAL. NO ODOR. (LEAD).

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

Stability Indicator/Materials to Avoid:YES  
REACTIVE METALS, STRONG BASES, MOST ORGANIC COMPOUNDS.  
Stability Condition to Avoid:PROHIBIT SMOKING, APRKS, ETC. FROM BATTERY CHARGING AREA. AVOID MIXING ACID W/OTHER C HEMICAL.  
Hazardous Decomposition Products:SULFURIC DIOXIDE, TRIOXIDE, HYDROGEN SULFIDE, HYDROGEN.

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

Waste Disposal Methods:NEUTRALIZED ACID MAY BE FLUSHED DOEWN SEWER.SPENT BATTERIES MUST BE TREATED AS HAZ WASTE & DISPOSED OF ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS. A COPY OF MSDS MUST BE SUPPLIED TO ANY SCRAP D EALER OR SECONDARY LEAD SMELLER WITH BATTERY.

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on by the compiling agencies):

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