

POWER-SONIC CORP -- SEALED MAINTENANCE FREE LEAD-ACID BATTERIES -- 6140-00-432-0490
===== Product Identification =====

Product ID:SEALED MAINTENANCE FREE LEAD-ACID BATTERIES

MSDS Date:01/08/2001

FSC:6140

NIIN:00-432-0490

MSDS Number: CLJPY

=== 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:650

-364-5001

Emergency Phone Num:650-364-5001

CAGE:56309

=== Contractor Identification ===

Company Name:ABERRANT SYSTEMS, INC

Address:530 JOE B JACKSON PKY

Box:City:MURFREESBORO,

State:TN

ZIP:37127

Country:US

Phone:615-494-5678

Contract Num:SP0411-02-M-E215

CAGE:1NPH4

Company Name:ABERRANT SYSTEMS, INC

Address:530 JOE B JACKSON PKY

Box:City:MURFREESBORO,

State:TN

ZIP:37127

Country:US

Phone:615-494-5678

Contract Num:SP0430-01-M-FR64

CAGE:1NPH4

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

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Composition/Information on Ingredients
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Ingred Name:LEAD (PB, PBO2, PBSO4)
CAS:7439-92-1
RTECS #:OF7525000
= Wt:70.
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:SULFURIC ACID
CAS:7664-93-9
RTECS #:WS5600000
= Wt:20.
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3
ACGIH STEL:3 MG/M3
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:FIBERGLASS SEPERATOR
= Wt:5.

Ingred Name:STYRON 478
(POLYSTYRENE)
= Wt:5.

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Hazards Identification
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Reports of Carcinogenicity:NTP:NO IARC:UNKNOWN OSHA:NO
Health Hazards Acute and Chronic:LEAD: THE TOXIC EFFECTS OF LEAD ARE
ACCUMULATIVE AND SLOW TO APPEAR. IT AFFECTS THE KIDNEYS,
REPRODUCTIVE, AND CENTRAL NERVOUS SYSTEMS. EXPOSURE TO LEAD FROM A
BATTERY MOST OFTER OCCURS DURING LEAD RE CLAIM OPERATIONS THROUGH
THE BREATHING OR INGESTION OF LEAD DUST OR FUMES. SULFURIC ACID:
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SULFURIC ACID IS A STRONG CORROSIVE. CONTACT WITH ACID CAN CAUSE SEVERE BURNS ON THE SKIN AND IN EYES. INGESTION OF SULFURIC ACID WILL CAUSE GI TRACT BURNS. ACID CAN BE RELEASED IF THE BATTERY CASE IS DAMAGED OR IF VENTS ARE TAMPERED WITH. FIBROUS GLASS IS AN IRRITANT OF THE UPPER RESPIRATORY TRACT, SKIN AND EYES.

Explanation of Carcinogenicity: THIS PRODUCT IS NOT CONSIDERED CARCINOGENIC BY NTP OR OSHA.

Effects of Overexposure: THE SYMPTOMS OF LEAD OVEREXPOSURE ARE ANEMIA, VOMITING, HEADACHE, STOMACH PAIN (LEAD COLIC), DIZZINESS, LOSS OF APPETITE, AND MUSCLE AND JOINT PAIN.

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

First Aid: SKIN CONTACT: FLUSH WITH WATER, SEE PHYSICIAN IF CONTACT AREA IS LARGE OR IF BLISTERS FORM. EYE CONTACT: CALL PHYSICIAN IMMEDIATELY AND FLUSH WITH WATER UNTIL PHYSICIAN ARRIVES. INGESTION: CALL PHYSICIAN. IF PATIENT IS CONSCIOUS, FLUSH MOUTH WITH WATER, HAVE PATIENT DRINK MILK OR SODIUM BICARBONATE SOLUTION.

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

Flash Point: NONE

Autoignition Temp: Autoignition Temp Text: NONE

Lower Limits: 4%-HYDROGEN

Upper Limits: 72.4%-H₂

Fire Fighting Procedures: IN CASE OF FIRE WEAR SELF CONTAINED BREATHING APPARATUS (FIBERGLASS SEP.) WEAR POSITIVE PRESSURE SELF CONTAINED BREATHING APPARATUS (478 POLYSTYRENE).

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

Spill Release Procedures: IF SULFURIC ACID IS SPILLED FROM A BATTERY, NEUTRALIZE ACID WITH BICARBONATE (BAKING SODA), SODIUM CARBONATE (SODA ASH), OR CALCIUM OXIDE (LIME). FLUSH AREA WITH WATER AND DISCARD TO THE SEWAGE SYSTEM. DO NOT ALLOW UNNEUTRALIZED ACID INTO SEWAGE SYSTEM.

Neutralizing Agent: NEUTRALIZE ACID WITH BICARBONATE (BAKING SODA), SODIUM CARBONATE (SODA ASH), OR CALCIUM OXIDE (LIME).

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

Handling and Storage Precautions: DO NOT REST TOOLS OR CABLES

ON THE
BATTERY. USE INSULATED TOOLS ONLY.

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

Supplemental Safety and Health
P/N: PS-665 RECHARGEABLE SEALED LEAD-ACID BATTERY.

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

HCC:Z4
Boiling Pt:=114.C, 237.2F
B.P. Text:SULFURIC ACID
Melt/Freeze Pt:=114.C, 237.2F
M.P/F.P Text:SULFURIC ACID
Spec Gravity:1.3 SULFURIC ACID
Solubility in Water:100%, SULFURIC ACID
Appearance and Odor:CLEAR, COLORLESS LIQUID
(SULFURIC ACID). ACIDIC
ODOR (SULFURIC ACID)

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

Stability Indicator/Materials to Avoid:YES
REACTIVE METALS, STRONG BASES, MOST ORGANIC COMPOUNDS.
Stability Condition to Avoid:PROHIBIT SMOKING SPARKS, BATTERY CHARGING
AREA. AVOID MIXING ACIDS WITH OTHER CHEMICALS.
Hazardous Decomposition Products:SULFRIC DIOXIDE, TRIOXIDE, HYDROGEN
SULFIDE, AND HYDROGEN.

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

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Waste Disposal Methods:NEUTRALIZED ACID MAY BE FLUSHED DOWN THE SEWER.
SPENT BATTERIES MUST BE TREATED AS HAZARDOUS WASTE AND DISPOSED OF
ACCORDING TO LOCAL, STATE, AND FEDERAL GUIDELINES. A COPY OF THIS
MSDS MUST BE SUPPLIED TO ANY DEALER OR SECONDARY LEAD SMELTER WITH
BATTERY.

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

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he Department
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