POWER-SONIC CORP, TECHNICAL DIV -- SEALID MAINTENANCE FREE LEAD ACID BATTERIES -- 6140-01-324-6424

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

Product ID:SEALID MAINTENANCE FREE LEAD ACID BATTERIES
MSDS Date:10/01/1994
FSC:6140
NIIN:01-324-6424
MSDS Number: BZNVX
=== Responsible Party ===
Company Name:POWER-SONIC CORP, TECHNICAL DIV
Address:1444 30TH ST
City:SAN DIEGO
State:CA
ZIP:92154
Country:US
Info Pho
ne Num:619-575-2275
Emergency Phone Num:619-575-2275
CAGE:0WJ05
=== Contractor Identification ===
Company Name:BATTERY CENTER THE (404-448-9273)
Address:2245 BUTTON GWINNETT DR
Box:UNKNOW
City:ATLANTA
State:GA
ZIP:30340
Country:US
Phone:770-448-9273
CAGE:00HZ6
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 (PB, PBO2,

PBS0)
CAS:7439-92-1
RTECS #:OF7525000
Fraction by Wt: 70%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.05 MG/M3
ACGIH TLV:0.15 MG/M3
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:SULFURIC ACID
CAS:7664-93-9
RTECS #:WS5600000
Fraction by Wt: 20%
Other REC Limits:NONE RECOMMENDED
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:FIBERGLASS SEPARATOR
Fraction by Wt: 5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:POLYSTYRENE
CAS:9003-53-6
RTECS #:WL6475000
Fraction by Wt: 5%
Other REC Limit
s:NONE RECOMMENDED

========== 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:LEAD: TOXIC EFFECTS OF LEAD ARE
ACCUMULATIVE & SLOW TO APPEAR. IT EFFECTS THE KIDNEYS,
REPRODUCTIVE, AND CENTRAL NERVOUS SYSTEM. SULFURIC ACID: SULFURIC
ACID IS A STRONG CORROSIVE. CONTACT WITH ACID C AN CAUSE SEVERE
BURNS ON THE SKIN AND INEYES. INGE
STION OF SULFURIC ACID WILL CAUSE
GI TRACT BURS.
Explanation of Carcinogenicity:NOT RELEVANT.
Effects of Overexposure:LEAD: THE SYMPTOMS OF LEAD OVEREXPOSURE ARE
ANEMIA, VOMITING, HEADACHE, STOMACH PAIN, DIZZINESS, LOSS OF
APPETITE AND MUSCULAR AND JOINT PAIN.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN: FLUSH WITH WATER. SEE PHYSICIAN IF CONTACT AREA IS
LARGE OR IF BLIST

ERS FORM. EYE: CALL PHYSICIAN IMMEDIATELY AND
FLUSH WITH WATER UNTIL PHYSICIAN ARRIVES. INGESTION: CALL PHYSICIAN. IF PATIENT IS CONSCIOUS, FLUSH MOUTH WITH WATER, HAVE THE PATIENT DRINK MILK OR SODIUM BICARBONATE SOLUTION. DO NOT GIVE ANYTHING TO AN UNCONSCIOUS PERSON.

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

Flash Point:NONE
Extinguishing Media:NONE SPECIFIED BY MANUFACTURER.
Fire Fighting Procedures:TOXIC VAPORS MAY BE RELEASED. IN CASE OF FIRE: WEAR SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:SEALED BATTERIES CAN EMIT HYDROGEN ONLY IF OVERCHARGED. TEMPERATURES OVER 300C (572F) MAY RELEASE COMBUSTIBLE GASES.

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

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

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

Handling and Storage Precautions:DUE TO BATTERY'S LOW INTERNAL RESISTANCE & HIGH POWER DENSITY, HIGH LEVS OF SHORT CIRCUIT CURRENT CAN BE DEVELOPED ACROSS BATTERY TERMINALS.
Other Precautions:DO NOT REST TOOLS OR CABLES ON BATTERY. USE INSULATED TOOLS ONLY. FOLLOW ALL INHALATION INSTRUCTIONS AN
D DIAGRAMS WHEN
INSTALLING OR MAINTAINING BATTERY SYSTEMS.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR (FOR LEAD). RESPIRATOR SHOULD BE WORN DURING RECLAIM OPERATIONS IF TLV IS EXCEEDED.
Ventilation:NONE SPECIFIED BY MANUFACTURER.
Protective Gloves:RUBBER GLOVES.
Eye Protection:SAFETY GOGGLES, FACE SHIELD.
Other Protective Equipment:APRON. PROTECTIVE EQUIPMENT MUST BE WORN IF BATTERY IF CRACKED OR OTH

ERWISE DAMAGED.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
NONE

========== 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:SILER-GRAY METAL. NO ODOR. (LEAD)

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

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

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

Waste Disposal Methods:NEUTRALIZED ACID MAY BE FLUSHED DOWN SEWER.
SPENT BATTERIES MUST BE TREATED AS HAZARDOUS WASTE AND DISPOSED OF
ACCORDING TO LOCAL, STATE, AND FEDERAL REGULATIONS. COPY OF MSDS

MUST BE SUPPLIED TO ANY SCRAP DEALER OR SECONDARY LEAD SMOLTER
W/BATTERY.