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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 Ph

one 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 Limi

ts: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. ING ESTION OF SULFURIC ACID WILL CAUSE

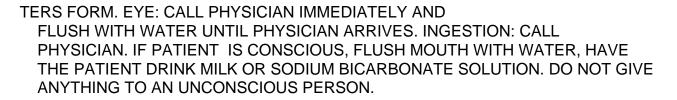
GI TRACT BURS.

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:SKIN: FLUSH WITH WATER. SEE PHYSICIAN IF CONTACT AREA IS LARGE OR IF BLIS



========= 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

INTO 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 A ND 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 OT

HERWISE 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.
Stab
ility 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.

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