

POWER-SONIC CORP -- SEALED MAINTENANCE FREE LEAD ACID BATTERY -- 6140-01-358-3027
===== Product Identification =====

Product ID:SEALED MAINTENANCE FREE LEAD ACID BATTERY

MSDS Date:10/01/1994

FSC:6140

NIIN:01-358-3027

MSDS Number: CBSMJ

=== 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:415-364

-5001

Emergency Phone Num:415-364-5001

Preparer's Name:ENGINEER

CAGE:56309

=== Contractor Identification ===

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:LEAD

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 SEPERATOR
Fraction by Wt: 5%
Other REC Limits:NONE RECOMMENDED

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

=====
===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcin
ogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:LEAD-THE TOXIC EFFECTS OF LEAD ARE
ACCUMULATIVE AND SLOW TO APPEAR. IF EFFECTS THE KIDNEYS,
REPRODUCTIVE, AND CENTRAL NERVOUS SYSTEM SULFURIC ACID-SULFURIC
ACID IS A STRONG CORROSIVE. CONTACT WITH ACI D CAN CAUSE SEVERE
BURNS ON THE SKIN ANDIN EYES. INGESTION OF SULFURIC ACID WILL CAUSE
GI TRACT BURNS.
Explanation of Carcinogenicity:LEAD IS POSSIBLY CARCINOGENIC TO HUMAN
(MSDS).
Effects of Overexposure
:LEAD-THE SYMPTOMS OF LEAD OVEREXPOSURE ARE
ANEMIA, VOMITING, HEADACHE, STOMACH PAIN, DIZZINESS, LOSS OF
APPETITE, AND MUSCLE AND JOINT PAIN. FIBERGLASS-FIBOROUS GLASS IS
AN IRRITANT OF THE UPPER RESPI RATORY TRACT, SKIN AND EYES.
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 BLISTERING. EYE-CALL A PHYSICIAN IMMEDI

ATELY AND FLUSH WITH WATER UNTIL PHYSICIAN RRIVES. INGESTION-CALL PHYSICIAN. IF PATIENT IS CONSC IOUS, 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:NON-FLAMMABLE

Extinguishing Media:NONE SPECIFIED BY MANUFACTURER.

Fire Fighting Procedures:(FIBERGLASS SEP.)-TOXIC VAPORS MAY BE RELEASED. IN CASE OF FIRE, WEAR SE LF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:(478 POLYSTYRENE)-TEMPERATURES OVER 300C MAY RELEASE COMBUSTIBLE GASES. IN CASE OF FIRE; WEAR POSITIVE PRESSURE SELF- CONTAINED BREATHING APPARATUS.

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

Spill Release Procedures:IF SULFURIC ACID IS SPILLED FROM A BATTERY, NEUTRALIZE THE ACID WITH SODIUM BICARBONATE, SODIUM CARBONATE OR CALCIUM OXIDE. FLUSH THE AREA WITH WATER AND DISCARD TO THE SEWER

SYSTEM. DO NOT ALLOW UNNE UTRALIZED ACID INTO THE SEWER SYSTEM.
Neutralizing Agent:SODIUM BICARBONATE , SODIUM CARBONATE, CALCIUM OXIDE.

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

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:A RESPIRATOR MUST BE WORN DURING RECLAIM OPERATIONS IF THE TLV IS EXCEEDED

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:RUBBER GLOVES.

Eye Protection:SAFETY GOGGLES, FACE SHIELD.

Other Protective Equipment:RUBBER APRON.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health
NONE

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

HCC:C1

Boiling Pt:B.P. Text:237F,114C

Spec Gravity:1.3(ACID)

Solubility in Water:100%, ACIDY

Appearance and Odor:CLEAR COLORLESS LIQUID, ACIDIC ODOR. (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, ETC. FROM

BATTERY CHARGING AREA. AVOID MIXING ACIDS WITH OTHER CHEMICALS.

Hazardous Decomposition Products: SULFURIC DIOXIDE, TRIOXIDE, HYDROGEN
SULFIDE, HYDROGEN.

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

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 REGULATIONS.. A COPY OF THIS
MATERIAL SAFETY DATA SHEET MUST BE SUPPLIED TO ANY SCRAP DEALER.

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 implied, 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.