

POWER-SONIC CORP -- RECHARGEABLE SEALED LEAD-ACID BATTERY PS126 -- 3695-01-268-9156

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Product Identification
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Product ID:RECHARGEABLE SEALED LEAD-ACID BATTERY PS126

MSDS Date:07/05/1992

FSC:3695

NIIN:01-268-9156

Kit Part:Y

MSDS Number: BQYMX

=== Responsible Party ===

Company Name:POWER-SONIC CORP

Address:3106 SPRING ST

Box:5242

City:REDWOOD CITY

State:CA

ZIP:94063-3929

Country:US

Info Pho

ne Num:415-364-5001

Emergency Phone Num:415-364-5001

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

Company Name:STANDARD MFG. CO. INC.

Address:4012 W ILLINOIS AVENUE

Box:210300

City:DALLAS

State:TX

ZIP:75211-0300

Country:US

Phone:214-337-8911

CAGE:98296

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Composition/Information on Ingredients
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Ingred Name:SULFURIC ACID (SAR

A III)
CAS:7664-93-9
RTECS #:WS5600000
Fraction by Wt: 39.1%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:LEAD (SARA III)
CAS:7439-92-1
RTECS #:OF7525000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.05 MG/M3;1910.1025
ACGIH TLV:0.15 MG/M3;DUST 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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===== Hazards Identification =====
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LD50 LC50 Mixture:LD50 ORAL RAT IS 2140 MG/KG.
Routes of Ent
ry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE: SEVERE BURNS AND ULCERATION OF
SKIN, EYES, MOUTH, THROAT, ESOPHAGUS AND STOMACH. INFLAMMATION OF
BRONCHIAL MEMBRANES. LEAD MAY CAUSE GASTROINTESTINAL DISORDERS AND
CNS EFFECTS. CHRONIC: EROSION OF TEETH, INFLAMMATION OF NOSE,
THROATAND BRONCHIAL TUBES. LEAD MAY CAUSE ANEMIA, DAMAGE TO KIDNEYS
AND CNS.
Explanation of Carcinogenicity:LEAD IS
LISTED UNDER IARC AND NTP.
Effects of Overexposure:IF CONTACTED, SEVERE BURNS AND ULCERATION OF
SKIN AND EYES. IF INHALED, COUGH, SEVERE RESPIRATORY IRRITATION. IF
INGESTED, SEVERE BURNS AND ULCERATION. TEETH MAY BECOME DISCOLORED.
Medical Cond Aggravated by Exposure:SULFURIC ACID MAY AGGRAVATE SKIN
DISEASES SUCH AS ECZEMA AND DERMATITIS. LEAD CAN AGGRAVATE CHRONIC
FORMS OF KIDNEY, LIVER AND NEUROLOGIC DISEASES.

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===== First Aid Measures =====
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First Aid:EYES/SKIN: FLUSH WITH PLENTY OF WATER. SEE DOCTOR IMMEDIATELY. REMOVE CONTAMINATED CLOTHING AND SHOES. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. SEE DOCTOR. INGESTION: DO NOT INDUCE VOMITING. GIVE MILK OR WATER, FOLLOWED BY 2 OUNCES OF MILK OF MAGNESIA (NO CARBONATES). SEE DOCTOR IMMEDIATELY.

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

Flash Point:NONE

Lower Limits:4.0(HYDROGN)

Upper Limits:75(HYDROGEN)

Extinguishing

Media:USE CARBON DIOXIDE, DRY CHEMICAL, WATER FOG, WATER.

Fire Fighting Procedures:EVACUATE AREA. REMOVE ALL IGNITION SOURCES.

WEAR SULFURIC ACID RESISTANT CLOTHING AND A FULL FACED SCBA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:HYDROGEN GAS MAY BE PRODUCED AND MAY EXPLODE IF IGNITED. REMOVE ALL IGNITION SOURCES. WATER GENERATES HEAT AND CAUSES ACID TO SPLATTER.

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

Spill Releas

e Procedures:WEAR APPROPRIATE PROTECTIVE EQUIPMENT. DILUTE CAUTIOUSLY WITH WATER. COVER WITH SODA ASH OR QUICKLIME. SCOOP UP AND PLACE IN APPROPRIATE DISPOSAL CONTAINER. FLUSH AREA WITH LARGE AMOUNTS OF WATER.

Neutralizing Agent:SODA ASH (SODIUM CARBONATE), BAKING SODA OR QUICKLIME (CALCIUM OXIDE).

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

Handling and Storage Precautions:STORE AT ROOM TEMPERATURE AWAY FROM FLAMES, IGNITION SOURCES, COMBUSTIBLE AND ORGANIC MATERIALS. AVOID

PROLONGED OVERCHARGING. WEAR PROTECTIVE EQUIPM.

Other Precautions:DO NOT CARRY BATTERY BY TERMINALS. DO NOT DROP BATTERY, PUNCTURE OR ATTEMPT TO OPEN BATTERY CASE. KEEP TERMINALS COVERED IN PLASTIC CASE. AVOID SHORTING BATTERIES. PLACE BROKEN BATTERIES IN PLASTIC CO NTAINERS AND DELIVER TO BATTERY RECYCLER

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

Respiratory Protection:NONE NORMALLY REQUIRED. NIOSH/MSHA-APPROVED CARTRIDGE R

ESPIRATOR FOR ACIDS OR FULL FACE MASK AS APPROPRIATE FOR EXPOSURE OF CONCERN WHEN TLV IS EXCEEDED.

Ventilation:GENERAL (MECHANICAL) VENTILATION. LOCAL EXHAUST IN CONFINED AREAS.

Protective Gloves:RUBBER GLOVES IF CONTACT IS EXPECTED.

Eye Protection:GOGGLES IF CONTACT IS EXPECTED.

Other Protective Equipment:RUBBER APRON AND BOOTS IF CONTACT IS EXPECTED. EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

KEY1:N1. NO

TE TO PHYSICIAN: IF GASTRIC LAVAGE IS PERFORMED, ENDOTRACHEAL OR ESOPHAGOSCOPIC CONTROL IS SUGGESTED. OXYGEN, WITH USE OF INTERMITENT POSITIVE-PRESSURE BREATHING APPARATUS, 5% SOLUTION OF S ODIUM BICARBONATE AS AEROSOL, AND BRONCODILATORS AND/OR DECONGESTANTS MAY BE USED.

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

HCC:Z4

Boiling Pt:=113.9C, 237.F

Vapor Pres:10 @ 68F

Vapor Density:>1

Spec Gravity:1.280

pH: