

POWER-SONIC CORP -- RECHARGEABLE BATTERY -- 6140-01-213-0199

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

Product ID:RECHARGEABLE BATTERY

MSDS Date:01/14/1990

FSC:6140

NIIN:01-213-0199

MSDS Number: BQWNZ

=== 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

CAG

E:56309

=== Contractor Identification ===

Company Name:BATTERY OUTLET INC

Address:1608 CAMPOSTELLA RD

Box:City:CHESAPEAKE

State:VA

ZIP:23324

Country:US

Phone:757-545-4442

CAGE:0FGN2

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:UNIPOWER CORP

Address:1216 W 96TH STREET

Box:City:MINNEAPOLIS

State:MN

ZIP:55431

Country:US

Phone:612-884-2933

CAGE:0VMZ0

===== Composition/Informatio

n on Ingredients =====

Ingred Name:SULFURIC ACID (SARA III)
CAS:7664-93-9
RTECS #:WS5600000
Fraction by Wt: 17% %
Other REC Limits:NONE SPECIFIED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:LEAD (SARA III)
CAS:7439-92-1
RTECS #:OF7525000
Fraction by Wt: 60% %
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.05 MG/M3;1910.1025
ACGIH TLV:0.15 MG/M3;DUST 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:LEAD OXIDE
CAS:1314-41-6
RTECS #:OG542
5000
Fraction by Wt: 20% %
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:LC50 ORAL RAT= 2140 MG/KG
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN/EYES:THE ELECTROLYTE,SULFURIC
ACID,CAN CAUSE BURNS.INHAL:SULFUR OXIDE CAN CAUSE NASAL AND
RESPIRATORY IRRITATION.INGEST:CAN CAUSE STOMACH IRRITATION.
Explanation of Carcinog
enicity:PRODUCT CONTAINS NO INGREDIENTS
CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.
Effects of Overexposure:INHALED: NASAL AND RESPIRATORY IRRITATION FROM
SULFUR OXIDE FUMES. CONTACT WITH SKIN OR EYES: BURNS, SKIN
IRRITATION AND EYE DAMAGE. ABSORBED THROUGH SKIN: SKIN IRRITATION
AND BURNS. INGESTION: STOMAC H IRRITATION.
Medical Cond Aggravated by Exposure:NONE EXPECTED IN NORMAL USE.

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

First Aid:

EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH AREA WITH WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: REMOVE PATIENT TO FRESH AIR. DISCONNECT BATTERIES AND VENTILATE AREA. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. INGESTION: DRINK LARGE QUANTITIES OF WATER OR MILK, FOLLOWED BY MILK OF MAGNESIA. GET MEDICAL ATTENTION.

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

Flash Point:NONE
Extinguishing Media:WATER SPRAY, FOAM, DRY CHEMICAL.
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.POLYSTYRENE CASE IS NO-FLAMMABLE(PER UL94,VE-0 OR VE-1).
Unusual Fire/Explosion Hazard:KEEP AWAY FROM OPEN FLAMES AND SPARKS. IMPROPER CHARGING AND IGNITION OF RESULTING GASES CAN CAUSE EXPLOSION, PARTICULARLY IN GAS TIGHT ENCLOSURES.

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

Spill Release Procedures:THE ELECTROLYTE, SULFURIC ACID, IS IMMOBILIZED AND SEALED WITHIN A CLOSED SYSTEM AND IS NON-SPILLABLE. IF CASE IS CRACKED AVOID CONTACT WITH SPILLED ELECTROLYTE. WRAP ENTIRE BATTERY TIGHTLY IN POLYETHYLENE BAGS FOR PROPER DISPOSAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID PHYSICAL DAMAGE. ADHERE TO PROPER CHARGING PROCEDURES.
Other Precautions:DO NOT OVERCHARGE.

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

Respiratory Protection:NOT NORMALLY REQUIRED.
Ventilation:GENERAL (MECHANICAL) SHOULD BE SUFFICIENT.
Protective Gloves:ACID RESISTANT ...AS NEEDED.
Eye Protection:GOGGLES ... AS NEEDED.
Other Protective Equipment:PROTECTIVE CLOTHING ...AS NEEDED.
Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and He

alth
PROTECT AGAINST CRACKING OF CASE MATERIAL. ADHERE TO PROPER CHARGING PROCEDURES.

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

HCC:Z4

Appearance and Odor:RECTANGULAR/SQUARE SHAPE;ORANGE;NO ODOR

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

Stability Indicator/Materials to Avoid:YES

SOLVENTS MAY DISSOLVE CASE MATERIAL.

Stability Condition to Avoid:PHYSICAL DAMAGE,HIGH HEAT,FIRE,IMPROPER CHARGING,SHORTING.

Hazardous Decomposition Products:

HYDROGEN, OXYGEN, AND SULFUR OXIDE FUMES.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE WITH AUTOMOTIVE SCRAP BATTERIES. DO NOT INCINERATE. DISPOSE OF ALL WASTES IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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