

POWER-SONIC CORP -- RECHARGEABLE BATTERY -- 6140-01-294-6528

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

Product ID:RECHARGEABLE BATTERY

MSDS Date:01/14/1990

FSC:6140

NIIN:01-294-6528

MSDS Number: BQFGC

=== 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

CAGE

: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:TNR TECHNICAL INC

Address:301 CENTRAL PARK DR

Box:City:SANFORD

State:FL

ZIP:32771

Country:US

Phone:407-321-3011

CAGE:1HJ92

===== 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:NOT SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EXPOSURE OCCURS ONLY IF BATTERY CASING  
IS BROKEN. ACUTE:SULFURIC ACID MAY CAUSE IRRITATION OF EYES, NOSE  
AND THROAT, MAY DAMAGE EYES OR CAUSE SEVERE BURNS OF EYES AND SKIN

CHRONIC: REPEATED CONTACT C AUSES IRRITATION AND SKIN BURNS.  
CHRONIC:TEETH EROSION, INFLAMMATION OF THE NOSE, THROAT AND  
BRONCHIAL TUBES.

Explanation of Carcinogenicity: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. SKIN:IRRITATION AND BURNS. INGESTION:  
STOMACH IRRITAT

ION, BURNS, BLOODY STOOLS.

Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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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. 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  
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Extinguishing Media: WATER SPRAY, FOAM, DRY CHEMICAL.  
Fire Fighting Procedures: THE NON-CONDUCTIVE POLYSTYRENE CASING IS NON-FLAMMABLE.  
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  
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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: 10% SODIUM BICARBONATE SOLUTION.

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Handling and Storage  
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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  
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Respiratory Protection: NONE NORMALLY REQUIRED.  
Ventilation: GENERAL (MECHANICAL) SHOULD BE SUFFICIENT.  
Protective Gloves: RUBBER IF HANDLING DAMAGED BATTERY.  
Eye Protection: GOGGLES IF HANDLING DAMAGED BATTERY  
Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.  
Work Hygienic Practices: WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING

BEFORE REUSE.

Supplemental Safety and Health

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

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

HCC:Z4

Appearance and Odor:RECTANGULAR/SQUARE IN SHAPE. ORANGE IN COLOR. NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

SOLVENTS MAY DISSOLVE CASE MATERIAL.

Stability Condition to Avoid:SEVERE OVERCHARGING, PHYSICAL DAMAGE.

Hazardous Decomposition Products:SULFURIC ACID ON DECOMPOSITION WILL PRODUCE TOXIC SULFUR DIOXIDE.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:SEND FOR RECLAMATION OR DISPOSE OF ALL WASTES IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:49CFR 173.159 (D): A NON-SPILLABLE WET ELECTRIC

STORAGE BATTERY IS EXCEPTED FROM ALL OTHER REQUIREMENTS OF THIS SUBCHAPTER IF: 1.THE BATTERY IS PROTECTED AGAINST SHORT CIRCUIT; 2. FOR BATTERIES MANUFACTURED AFTER SEPTEMBER 30,1995, THE BATTERY AND THE OUTER PACKAGING MUST BE PLAINLY AND DURABLY MARKED "NONSPILLABLE" OR "NONSPILLABLE BATTERY". 3. THE BATTERY MUST BE CAPABLE OF WITHSTANDING THE FOLLOWING TWO TESTS WITHOUT LEAKAGE OF BATTERY FLUID FROM THE BATTERY: (I) VIBRATION TEST; (II) PRESSURE DIFFERENTIAL

TEST. PER MFR THESE BATTERIES CONFORM TO THE ABOVE REGULATIONS & IATA SPEC PROV A67 AND ARE, THEREFORE, NOT REGULATED.

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