

POWER-SONIC CORP -- RECHARGEABLE SEALED LEAD-ACID BATTERY -- 6140-01-019-0687  
===== Product Identification =====

Product ID:RECHARGEABLE SEALED LEAD-ACID BATTERY

MSDS Date:07/05/1992

FSC:6140

NIIN:01-019-0687

MSDS Number: BRJKM

=== 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

Eme

rgency 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

===== Composition/Information on Ingredients =====

Ingred Name:SULFURIC ACID (SARA 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

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:THE SEALED LEAD-ACID BATTERY IS NOT A HEALTH HAZARD UNDER NORMAL CONDITIONS OF USE. CORROSIVE LIQUIDS FROM BROKEN OR LEAKING BATTERIES CAN CAUSE SEVERE IRRITATION AND BURNS TO EYES, NOSE, THROAT, AND SKIN AND IS HARMFUL IF INHALED.

Effects of Overexposure:ACID FROM LEAKING BAT

TERY CAN CAUSE SEVERE SKIN

AND EYE IRRITATION,BURNS,CORNEA DAMAGE,BLINDNESS,SKIN

ULCERATION.VAPOR INHALATION CAN CAUSE SEVERE RESPIRATORY

IRRITATION,BRONCHIAL MEMBRANES INFLAMMATI ON.INGESTION MAY CAUSE

SEVERE BURNS ANDULCERATION OF MOUTH,THROAT,ESOPHAGUS,STOMACH,ALSO KIDNEY AND INTESTINAL DAMAGE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:BATTERY CONTAINS ACID ELECTROLYT

E. NORMALLY, THERE IS EXTREME

REMOTE POSSIBILITIES FOR LEAKAGE. IF SULFURIC ACID LEAKAGE CONTACTS EYES, FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. FOR

SK IN CONTACT, FLUSH AREA WITH LARGE AMOUNTS OF WATER. REMOVE

CONTAMINATED CLOTHING. GET MEDICAL ATTENTION. INHALATION: MOVE TO

FRESH AIR. GET MEDICAL ATTENTION. INGESTION: GET MEDICAL ATTENTION.

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

Flash Point:NON-FLAMMABLE

Extinguishing Media:D

RY CHEMICAL, CARBON DIOXIDE, WATER FOG, WATER.

Fire Fighting Procedures:COOL BATTERY EXTERIOR TO PREVENT RUPTURE.

ACIDS MISTS AND VAPORS GENERATED IN A FIRE ARE TOXIC AND CORROSIVE.

Unusual Fire/Explosion Hazard:BATTERY OPERATION CAN PRODUCE EXPLOSIVE

HYDROGEN GAS. IGNITION SOURCE SUCH AS ELECTRIC SPARK FROM JUMPER

CABLE, CHARGING SYSTEM MAY IGNITE/EXPLODE HYDROGEN GAS.

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

Spill Release Procedures:AVOID CONTACT WITH A

CID MATERIALS. USE SODA

ASH OR LIME TO NEUTRALIZE. FLUSH WITH LARGE AMOUNTS OF WATER.

Neutralizing Agent:SODA ASH, LIME.

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

Handling and Storage Precautions:PROTECT AGAINST SHORT CIRCUITING  
BATTERY TERMINALS. STORE BETWEEN 70F AND 140F. PROTECT AGAINST  
PHYSICAL DAMAGE.

Other Precautions:BATTERIES MUST NOT BE DUMPED LOOSELY INTO BINS OR  
CONTAINERS. BATTERY MAY EXPLODE UPON SHORT CIRCUIT, PUNCTURE,  
CRUSH, OR OVE  
R-HEATING. DO NOT OPERATE BATTERY OUTSIDE OF  
MANUFACTURER'S RECOMMENDATIONS .

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

Respiratory Protection:NONE REQUIRED UNDER NORMAL CONDITIONS OF USE.  
Ventilation:NORMAL WORK AREA VENTILATION ADEQUATE FOR NORMAL USAGE.  
Protective Gloves:NONE NORMALLY REQUIRED.  
Eye Protection:NONE NORMALLY REQUIRED.  
Other Protective Equipment:NONE NORMALLY REQUIRED.  
Work Hygienic Practices:NONE NORMALLY REQUIRED.  
Supplemental Safety and Health

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

HCC:N1

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

Melt/Freeze Pt:M.P/F.P Text:-94F,-70C

Vapor Pres:9.95

Vapor Density:>1 AIR=1

Spec Gravity:1.280

Evaporation Rate & Reference: