

POWER BATTERY CO INC -- PRC SEALED MAINTENANCE FREE BATTERIES -- 6140-01-323-1331  
===== Product Identification =====

Product ID:PRC SEALED MAINTENANCE FREE BATTERIES

MSDS Date:08/16/1988

FSC:6140

NIIN:01-323-1331

MSDS Number: BMQQC

=== Responsible Party ===

Company Name:POWER BATTERY CO INC

Address:543 E 42ND STREET

City:PATERSON

State:NJ

ZIP:07513

Country:US

Info Phone Num:201-523-8630

Emergency

Phone Num:201-523-8630

Preparer's Name:ROBERT F MALLEY

CAGE:64748

=== Contractor Identification ===

Company Name:POWER BATTERY CO INC

Address:25 MCLEAN BLVD.

Box:City:PATERSON

State:NJ

ZIP:07514

Country:US

Phone:201-523-8630

CAGE:64748

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

Ingred Name:LEAD (SARA III) \*

CAS:7439-92-1

RTECS #:OF7525000

Fraction by Wt: 65-75%

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 L

B  
DOT Rpt Qty:1 LB

Ingred Name:SULFURIC ACID (SARA III) \*  
CAS:7664-93-9  
RTECS #:WS5600000  
Fraction by Wt: 17-30%  
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

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:SULFURIC ACID IS A STRONG CORROSIVE.  
CONTACT

WITH THE ACID CAN CAUSE SEVERE BURNS TO THE SKIN & EYES.  
INGESTION OF SULFURIC ACID WILL CAUSE GI TRACT BURNS. THE TOXIC  
EFFECTS OF LEAD ARE ACCUMULATIVE. IT EFFECTS THE KIDNEYS,  
REPRODUCTIVE & CENTRAL NERVOUS SYSTEM.

Explanation of Carcinogenicity:LEAD (LEAD & INORGANIC LEAD COMPOUND BY  
NTP & IARC)

Effects of Overexposure:THE SYMPTOMS OF LEAD OVEREXPOSURE ARE ANEMIA,  
VOMITING, HEADACHE, STOMACH PAIN (LEAD COLIC), DIZZINESS, LOSS OF  
APPETITIE AND MUSCLE AND JOINT PAIN.

M  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SULFURIC ACID: SKIN-FLUSH WITH WATER, SEE PHYSICIAN IF  
CONTACT AREA IS LARGE, OR IF BLISTERS FORM. EYE-CALL PHYSICIAN  
IMMEDIATELY, FLUSH WITH WATER UNTIL PHYSICIAN ARRIVES. INGEST-CALL  
PHYSICIAN. DO NOT INDUCE VOMITING. IF PATIENT IS CONSCIOUS, FLUSH  
MOUTH WITH WATER, HAVE THE PATIENT DRINK MILK, OR SODIUM  
BICARBONATE SOLUTION. D

DO NOT GIVE ANYTHING TO AN UNCONSCIOUS  
PERSON.

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

Flash Point:NONE  
Autoignition Temp:Autoignition Temp Text:NONE  
Lower Limits:4.1 (H2)  
Upper Limits:74.2 (H2)  
Extinguishing Media:USE "ABC" TYPE FIRE EXTINGUISHER FOR BATTERY FIRES.  
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.  
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Rele

ase Procedures:IF SULFURIC ACID IS SPILLED FROM A BATTERY,  
NEUTRALIZE. FLUSH AREA WITH WATER, AND DISCARD TO THE SEWAGE  
SYSTEM. DO NOT ALLOW UNNEUTRALIZED ACID INTO THE SEWAGE SYSTEM.  
Neutralizing Agent:SODIUM BICARBONATE (BAKING SODA), SODIUM CARBONATE  
(SODA ASH) OR CALCIUM OXIDE

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

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.  
Other Precautions:DUE TO THE PRC BATTERY'S LOW INTERNAL RESISTANCE &

HIGH POWER DENSITY, HIGH LEVELS OF SHORT CIRCUIT CURRENT CAN BE  
DEVELOPED ACROSS THE BATTERY TERMINALS. DO NOT REST TOOLS OR CABLES  
ON THE BATTERY. USE INSULATED TOOLS ONLY. READ INSTRUCTIN

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

Respiratory Protection:NOT REQUIRED UNDER NORMAL USE.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:RUBBER GLOVES.

Eye Protection:SAFETY GOGGLES, FACE SHIELD.

Other Protective Equipment:RUBBER APRON. EYES WASH STA  
TION AND SAFETY  
SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

COMMENTS: PROTECTIVE EQUIPMENT MUST BE WORN IF THE BATTERY IS CRACKED  
OR OTHERWISE DAMAGED. HEPA RESPIRATORS SHOULD BE WORN DURING  
OPERATIONS, IF THE OSHA PEL IS EXCEEDED.

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

HCC:C1

Melt/Freeze Pt:M.P/F.P Text:235F,113C

Spec Gravity:1.290

Solubility in Water:100% (ELECTROLYTE)

Appearance and Odor:ELECTROLYTE

: CLEAR LIQUID WITH A SHARP,PUNGENT ODOR

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

Stability Indicator/Materials to Avoid:YES

REACTIVE METALS, STRONG BASES, MOST ORGANICS.

Stability Condition to Avoid:PROHIBIT SMOKING, SPARKS, FLAMES, ETC.

FROM BATTERY CHARGING AREA. AVOID MIXING ACID WITH OTHER CHEMICALS.

Hazardous Decomposition Products:SULFUR DIOXIDE, TRIOXIDE, HYDROGEN AND  
HYDROGEN SULFIDE

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

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Waste Disposal Methods: NEUTRALIZED ACID MAY BE FLUSHED DOWN THE SEWER.  
SPENT LEAD ACID BATTERIES CAN BE SENT TO LICENSED SECONDARY LEAD  
SMELTER FOR RECYCLE OR TO REPUTABLE BATTERY HANDLERS OR REPUTABLE  
SCRAP DEALERS.

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