

EAGLE-PICHER INDUSTRIES INC -- CAREFREE RECHARGEABLE BATTERY -- 6230-01-217-6455  
===== Product Identification =====

Product ID:CAREFREE RECHARGEABLE BATTERY

MSDS Date:03/12/1991

FSC:6230

NIIN:01-217-6455

MSDS Number: CCJBR

=== Responsible Party ===

Company Name:EAGLE-PICHER INDUSTRIES INC

Address:N BETHEL RD

Box:130

City:SENECA

State:MO

ZIP:64865

Country:US

Info Phone Num:417-776-2256 / FAX 417-77

6-2257

Emergency Phone Num:417-776-2256

CAGE:0B3X4

=== Contractor Identification ===

Company Name:EAGLE-PICHER INDUSTRIES INC

Address:14212 BETHEL ROAD

Box:130

City:SENECA

State:MO

ZIP:64865

Country:US

Phone:417-776-2256

CAGE:0B3X4

Company Name:LIGHTALARMS ELECTRONICS CORP

Address:1170 ATLANTIC AVENUE

Box:City:BALDWIN

State:NY

ZIP:11510-4205

Country:US

Phone:516-379-1000

CAGE:02720

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

Ingred Name:LEAD (SARA III)

CAS:7439-92-1

RT

ECS #:OF7525000  
Fraction by Wt: 50%  
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 OXIDES  
CAS:1314-41-6  
RTECS #:OG5425000  
Fraction by Wt: 25%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:0.05 MG/M3;1910.1025  
ACGIH TLV:0.15 MG/M3;DUST 9091

Ingred Name:SULFURIC ACID (SARA III)  
CAS:7664-93-9  
RTECS #:WS5600000  
Fraction by Wt: 18%  
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:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SEVERE BURNS AND EYE DAMAGE FROM  
SULFURIC ACID ELECTRIC ELECTROLYTE. ILLNESS FROM SULFUR OXIDE  
FUMES. CONTAINS LEAD WHICH IS KNOWN TO CAUSE BIRTH DEFECTS OR OTHER  
REPRODUCTIVE HARM.  
Effects of Overexposure:IRRITATION AND ACID BURNS. PUN  
GENT ODOR AND  
RESPIRATORY IRRITATION.

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

First Aid:FOR SULFUR OXIDE FUMES, DISCONNECT BATTERIES, EVACUATE AND  
VENTILATE. EXTERNAL, FLUSH AREAS CONTAMINATED BY SULFURIC ACID  
ELECTROLYTE WITH WATER. INTERNAL, DRINK LARGE QUANTITIES OF WATER  
OF MILK, FOL LOWED BY MILK OF MAGNESIA, BEATEN EGGS,OR VEGETABLE  
OIL.

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

Extinguishing Media:WATER, FOAM,

DRY CHEMICAL.

Unusual Fire/Explosion Hazard:KEEP LIGHTED CIGARETTES, SPARKS AND FLAMES AWAY. EXPLOSION CAN RESULT FROM IMPROPER CHARGING.

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

Spill Release Procedures:AVOID CONTACT WITH SULFURIC ACID ELECTROLYTE FROM BATTERY. FLUSH WITH WATER. NEUTRALIZE WITH SOLUTION OF BAKING SODA IN WATER.

Neutralizing Agent:BAKING SODA IN WATER.

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

Handling and Storage

Precautions:BATTERIES WITH RELEASED ELECTROLYTE SHALL BE SEALED IN POLYETHYLENE BAGS. KEEP BATTERIES AWAY FROM CHILDREN.

Other Precautions:DO NOT CRACK BATTERY CASES. DO NOT OVERCHARGE. DO NOT SHORT CIRCUIT BATTERY TERMINALS. KEEP LIGHTED CIGARETTES, SPARKS, AND FLAMES AWAY FROM CHARGING BATTERIES.

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

Ventilation:NATURAL CONVECTION.

Protective Gloves:USE RUBBER GLOVES IF CASE IS CRACKED.

Eye Protection:RECOMMENDED.

Supplemental Safety and Health

NONE. THIS PRODUCT IS AN ARTICLE UNDER OSHA.

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

HCC:N1

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

Stability Indicator/Materials to Avoid:YES

SOLVENTS MAY DISSOLVE BATTERY CASE.

Stability Condition to Avoid:EXTREME HEAT, SPARKS, AND OPEN FLAMES.

Hazardous Decomposition Products:SEVERE OVERCHARGE AND OVERHEATING MAY CAUSE SULFUR OXIDE FUMES.

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Disposal Considerations =====

Waste Disposal Methods: UNLAWFUL TO DISPOSE IN LANDFILL. DO NOT INCINERATE, PUNCTURE, DISASSEMBLE OR MUTILATE. DISPOSE WITH AUTOMOTIVE BATTERY SCRAP IN ACCORDANCE WITH LOCAL AND FEDERAL REGULATIONS.

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