

EAGLE-PICHER INDUSTRIES INC -- CAREFREE RECHARGABLE BATTERY -- 6140-01-152-3995

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

Product ID:CAREFREE RECHARGABLE BATTERY

MSDS Date:03/12/1991

FSC:6140

NIIN:01-152-3995

MSDS Number: CCBGL

=== Responsible Party ===

Company Name:EAGLE-PICHER INDUSTRIES INC

Address:BETHEL ROAD

Box:130

City:SENECA

State:MO

ZIP:64865

Country:US

Info Phone Num:417-776-2256

Emergency Phon

e 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

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

Ingred Name:LEAD (SARA 313) (CERCLA)

CAS:7439-92-1

RTECS #:OF7525000

Fraction by Wt: 50%

OSHA PEL:SEE 1910.1025

ACGIH TLV:0.15MG/M3 DUST

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:LEAD; (LEAD OXIDES) (SARA 313) (CE

RCLA)  
CAS:7439-92-1  
RTECS #:OF7525000  
Fraction by Wt: 25%  
OSHA PEL:SEE 1910.1025  
ACGIH TLV:0.15MG/M3 DUST  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:SULFURIC ACID; (38% SULFURIC ACID, 1.28 S.G.) (SARA  
302/313) (CERCLA)  
CAS:7664-93-9  
RTECS #:WS5600000  
Fraction by Wt: 18%  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3/3 STEL  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry:  
Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:SEVERE BURNS AND EYE DAMAGE FROM  
SULFURIC ACID ELECTROLYTE. ILLNESS FROM SULFUR OXIDE FUMES. SIGNS &  
SYMPS:IRRITATION AND ACID BURNS. PUNGENT ODOR AND RESPIRATORY  
IRRITATION. CHRONIC:LEAD APPEARS ON N AVY OCCUPATIONAL CHEMICAL  
REPRODUCTIVE HAZARDS LIST. SEEK CONSULTATION FROM APPROPRIATE  
HEALTH (EFTS OF OVEREXP)  
Explanation of Carcinogenicity:SULFUR  
IC ACID:IARC MONOGRAPHS ON EVAL OF  
CARCIN RISK OF CHEMS TO MAN, VOL 54, PG 41, 1992:GROUP 1.  
ANIMAL:PULM IRRIT.  
Effects of Overexposure:HLTH HAZS:PROFESSIONALS CONCERNING LATEST  
HAZARD LIST INFORMATION AND SAFE HANDLING AND USE INFORMATION .  
Medical Cond Aggravated by Exposure:NOT APPLICABLE.

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

First Aid:EYES:IMMEDIATELY FLUSH W/POTABLE WATER FOR A MINIMUM OF 15  
MINUTES, SEEK ASSISTANCE FROM MD . INHALATION:FOR

## SULFUR OXIDE

FUMES, DISCONNECT BATTERIES, EVACUATE AND VENTILATE. SKIN:FLUSH AREAS CO NTAMINATED BY SULFURIC ACID ELECTROLYTEWITH WATER. INGESTION:DRINK LARGE QUANTITIES OF WATER OR MILK, FOLLOWED BY MILK OF MAGNESIA, BEATEN EGGS OR VEGETABLE OIL.

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

Extinguishing Media:WATER, FOAM, DRY.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT . NOT APPLICABLE.

Unusual Fire/Explosion

Hazard:KEEP LIGHTED CIGARETTES, SPARKS AND FLAMES AWAY. EXPLOSION CAN RESULT FROM IMPROPER CHARGING AND IGNIT OF CHARGING GASES & IF CHARGED IN GAS TIGHT ENCLOSURES.

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

Spill Release Procedures:AVOID CONTACT WITH SULFURIC ACID ELECTROLYTE FROM BATTERY. FLUSH WITH WATER.

Neutralizing Agent:NEUTRALIZE WITH SOLUTION OF BAKING SODA IN WATER.

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

Handling a

nd Storage Precautions:BATTERIES WITH RELEASED ELECTROLYTES 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 =====

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN . NO T APPLICABLE.

Ventilation:OTHER:NATURAL CONVECTION.

Protective Gloves:USE RUBBER GLOVES IF CASE IS CRACKED.

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .

Other Protective Equipment:ANSI APPROVED EMERGENCY EYE WASH AND DELUGE SHOWER . NOT APPLICABLE.

Work Hygienic Practices:NOT APPLICABLE.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

HCC:C3

Appearance and Odor:NOT APPLICABLE.

### ===== Stabi

lity and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

SOLVENTS MAY DISSOLVE BATTERY CASE MATERIAL.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

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

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

Waste Disposal Methods: DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL REGULATIONS . DISPOSE WITH AUTOMOTIVE BATTERY SCRAP. DO NOT INCINERATE.

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