

EAGLE-PICHER INDUSTRIES,INC ELECTRONICS DIV -- CAREFREE RECHARGEABLE BATTERY --  
6140-01-111-6379

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

Product ID:CAREFREE RECHARGEABLE BATTERY

MSDS Date:01/01/1995

FSC:6140

NIIN:01-111-6379

MSDS Number: BRHBF

=== Responsible Party ===

Company Name:EAGLE-PICHER INDUSTRIES,INC ELECTRONICS DIV

Address:BETHEL RD

Box:130

City:SENECA

State:MO

ZIP:64865-0130

Country:US

Info

Phone Num:417-776-2256 / FAX 417-776-2257

Emergency Phone Num:417-776-2256/800-424-9300(CHEMTREC)

CAGE:3L498

=== Contractor Identification ===

Company Name:EAGLE-PICHER INDUSTRIES,INC ELECTRONICS DIV

Address:BETHEL RD

Box:130

City:SENECA

State:MO

ZIP:64865-0130

Country:US

Phone:417-776-2256

CAGE:3L498

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

Ingred Name:LEAD (SARA 313) (CERCLA)

CAS:7439-92-1

RTECS #:OF7525000

Fraction by Wt: 50%

Other REC Limits:NONE RECOMMENDED

OS

HA PEL:SEE 1910.1025  
ACGIH TLV:0.05MG/M3, A3; 9596  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:LEAD OXIDE, (RED LEAD OXIDE), AND CAS #1317-36-8.  
CAS:1314-41-6  
RTECS #:OG5425000  
Fraction by Wt: 25%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:SEE 1910.1025  
ACGIH TLV:0.15 MG/M3

Ingred Name:38% SULFURIC ACID (SARA 302/313) (CERCLA) (S.G. 1.28)  
CAS:7664-93-9  
RTECS #:WS5600000  
Fraction by Wt: 18%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3/3 STEL; 9596  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
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 ELECTROLYTE.ILLNESS FROM SULFUR OXIDE FUMES.CONTAINS  
LEAD WHICH IS KNOWN TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE  
HARM.  
Explanation of Carcinogenicity:L  
EAD IS A SUSPECTED HUMAN CARCINOGEN.  
Effects of Overexposure:IRITATION AND ACID BURNS.PUNGENT ODOR AND  
RESPIRATORY IRRIT.  
Medical Cond Aggravated by Exposure:NOT APPLICABLEMANUFACTURER.

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

First Aid:FOR SULFUR OXIDE FUMES DISCONNECT BATT,EVACUATE &  
VENTILATE.EXTERNAL,FLUSH AREAS CONTAMINATED BY SULFURIC ACID  
ELECTROLYTE W/WATER.INTERNAL,DRINK LG QUANTITIES OF WATER OR MILK  
FOLLOWED BY MILK OF MAG NESIA,BEATEN EGG

S OR VEGETABLE OIL.

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

Flash Point:NP

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:NA

Upper Limits:NA

Extinguishing Media:WATER, FOAM, DRY

Fire Fighting Procedures:NOT APPLICABLE. DIRECT FLAME TO BATTERY  
CASE.FLamm LIMITS:UL-94HB.

Unusual Fire/Explosion Hazard:KEEP LIGHTED CIGARETTES,SPARK,FLAME  
AWAY.EXPLO CAN RESULT FRM IMPROPER CHARGING OF BATT CREATING  
CHARGING GASES.EXPLO CAN RESULT IF CHARGED IN GAS  
TIGHT ENCLSUR

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

Spill Release Procedures:AVOID CONTACT W/SULFURIC ACID ELEC GTROLYTE  
FROM BATT.FLUSH W/WATER.NEUTRALIZE W/SOLUTION OF BAKING SODA IN  
WATER.

Neutralizing Agent:BAKING SODA IN WATER.

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

Handling and Storage Precautions:BATTERIES W/RELEASED ELECTROLYTE SHALL  
BE SELAED IN POLYETHYLENE BAGS.KEEP BATT AWAY FROM CHILDREN.

Other Precautions:DON

T CRACK BATT CASES.DONT OVERCHARGE.DONT SHORT  
CIRCUIT BATT TERMINALS.KEEP LIGHTED CIGARETTES,SPARKS,FLAMES AWAY  
FROM CHARGING BATT. THIS PRODUCT IS AN ARTICLE UNDER OSHA.

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

Ventilation:NATURAL CONVECTION.

Protective Gloves:USE RUBBER GLOVES IF CASE IS CRACKED.

Eye Protection:RECOMMENDED.

Supplemental Safety and Health

MANUFACTURER STATED "THIS PRODUCT IS AN ARTICLE UNDER OSHA".

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===== Physical/Chemical Prop

erties =====

HCC:Z4

Boiling Pt:B.P. Text:NA

Melt/Freeze Pt:M.P/F.P Text:NA

Decomp Temp:Decomp Text:NP

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:NA

pH:NP

Viscosity:NP

Evaporation Rate & Reference:NA

Solubility in Water:NA

Appearance and Odor:NA

Percent Volatiles by Volume:NP

Corrosion Rate:NP

===== Stability 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:UNLAWFL TO DISPO IN LANDFILL.DONT  
INCINCERATE,PUNCTURE,DISASSEMBLE OR MUTILATE.DISPO W/AUTOMOTIVE  
BATT SCRAP IN ACCORDANCE WITH LOCAL & FED REGS.

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