

EAGLE-PICHER INDUSTRIES INC -- CAREFREE RECHARGEABLE BATTERY -- 6135-01-292-1071  
===== Product Identification =====

Product ID:CAREFREE RECHARGEABLE BATTERY

MSDS Date:10/21/1988

FSC:6135

NIIN:01-292-1071

MSDS Number: CBQWL

=== 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 417-7  
76-2257

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

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

Ingred Name:LEAD (SARA 313) (CERCLA)

CAS:7439-92-1

RTECS #:OF7525000

OSHA PEL:SEE 1910.1025

ACGIH TLV:0.15MG/M3 DUST

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:LEAD OXIDES

OSHA PEL:0.050 MG/M3

(MFR)  
ACGIH TLV:0.15 MG/M3 (MFR)

Ingred Name:SULFURIC ACID (FUMING) (CERCLA)  
CAS:8014-95-7  
RTECS #:WS5605000  
OSHA PEL:1 MG/M3 (MFR)  
ACGIH TLV:1 MG/M3/3 STEL  
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:YES IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:SEVERE BURNS AND EYE DAMAGE  
FROM  
SULFURIC ACID ELECTROLYTE. ILLNESS FROM SULFUR OXIDE FUMES. SIGNS &  
SYMP OF EXPOS:IRRITATION & ACID BURNS. RESPIRATORY IRRITATION. LEAD  
APPEARS ON THE NAVY LISTING OF OCCUPATIONAL REPRODUCTIVE HAZARDS.  
SEEK CONSULTATION FROM APPROPRIATE HEALTH PROFESSIONALS (EFFECTS OF  
OVEREXP)  
Explanation of Carcinogenicity:SULFURIC ACID:IARC MONO ON EVAL OF  
CARCIN RISK OF CHEM TO MAN, VOL 54, PG 41. 1992:GROUP 1.  
ANIMAL:PULMONARY IRRIT.  
Effects of Overexposure:HLTH HAZ:CONCERNING LATEST HAZARD LIST  
INFORMATION AND SAFE HANDLING AND EXPOSURE INFORMATION .  
Medical Cond Aggravated by Exposure:NOT APPLICABLE.

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

First Aid:EYES:IMMEDIATELY FLUSH W/POTABLE WATER FOR MINIMUM OF 15  
MINUTES, SEEK ASSISTANCE FROM MD . INHAL:FOR SULFUR OXIDE FUMES,  
DISCONNECT BATTERIES, EVAC & VENTILATE. SKIN:FLUSH AREAS CONTAMD BY  
SULFURIC ACID ELECTROLYTE WITH WATER. INGEST:DRINK LG QTYS OF  
WATER/MILK, FOLLOWED BY MILK OF MAGNESIA, BEATEN EGGS/VEGETABLE  
OIL.

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

Flash Point:SUPDAT  
Extinguishing Media:WATER, FOAM, DRY.  
Fire Fighting Procedures:NOT APPLICABLE. USE NIOSH/MSHA APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT .  
Unusual Fire/Explosion Hazard:KEEP LIGHTED CIGARETTES, SPKS & FLAMES  
AWAY. EXPLO CAN RSLT FROM IMPROPER CHARGING & IGNIT OF CHARGING  
GASES. EXPLO CAN RSLT IF CHARGED IN GAS TIGHT ENVIRON.

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===== 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 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. D

O NOT OVERCHARGE. DO NOT

SHORT CIRCUIT BATTERY TERMINALS. KEEP LIGHTED CIGARETTES, SPARKES, AND FLAMES AWAY FROM CHARGING BATTERIES.

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

Respiratory Protection:NOT APPLICABLE. NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:OTHER:NATURAL CONVECTION.

Protective Gloves:RUBBER GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:ANSI APPRVD EMERGENCY EYE WAS

H & DELUGE

SHOWER .

Work Hygienic Practices:NOT APPLICABLE.

Supplemental Safety and Health

FL PT:DIRECT FLAME TO BATTERY CASE.

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

HCC:Z4

===== 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 & OVERHEATING MAY

CAUSE SULFUR OXIDE FUMES.

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

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

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