

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

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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: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.

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===== 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 CONTAMINATED BY SULFURIC ACID ELECTROLYTE WITH 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 IGNITION 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 . NOT APPLICABLE.

Ventilation:OTHER:NATURAL CONVECTION.

Protective Gloves:USE RUBBER GLOVES IF CASE IS CRACKED.

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGLES .

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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