

EAGLE-PICHER INDUSTRIES INC -- CAREFREE RECHARGEABLE BATTERY -- 6140-01-108-2159

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

Product ID:CAREFREE RECHARGEABLE BATTERY

MSDS Date:03/12/1991

FSC:6140

NIIN:01-108-2159

MSDS Number: BTTKM

=== 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

Emergency P

hone 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 III)

CAS:7439-92-1

RTECS #: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:7439-92-1
RTECS #:OF7525000
Fraction by Wt: 25%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.05 MG(PB)/M3
ACGIH TLV:0.15MG(PB)/M3;DUST92
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:SULFURIC ACID (SARA III), (38% SULFURIC ACID, 1.28 SP GR)
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

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

R
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:PRODUCT IS AN ARTICLE UNDER OSHA WHICH
UNDER NORMAL USE IS NON-HAZARDOUS. HOWEVER UNDER CERTAIN UNUSUAL
CONDITIONS PERSONS MAY BE EXPOSED TO TOXIC LEAD,CORROSIVE SULFURIC
ACID AND/OR EXPLOSIVE HYDROGEN SEVERE BURNS AND EYE DAMAGE MAY
RESULT FROM EXPOSURE TO SULFURIC ACID ELECTROLYTE AND ILLNESS FROM
SULFUR OXIDE FUMES.
Effects of Overexposure:IRRITATION AND ACID BURNS. PUNGENT ODOR AND
RESPIRATORY IRRITATION.
Medical Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

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

OIL. GET MEDICAL ATTENTION.

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

Extinguishing Media:WATER, FOAM, DRY CHEMICAL.

Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.

Unusual Fire/Explosion Hazard:EXPLOSION CAN RESULT FROM IMPROPER CHARGING AND IGNITION OF CHARGING GASES; ALSO IF CHARGED IN GAS TIGHT ENCLOSURES. KEEP LIGHTED CIGARETTES,SPARKS,FLAMES AWAY.

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

Spill Release Procedures:A

VOID 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 =====

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.

Ventilation:NATURAL CONVECTION.

Protective Gloves:USE RUBBER GLOVES IF CASE IS CRACKED.

Eye Protection:RECOMMENDED.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

MFG. STATE: THIS PRODUCT IS AN AIR CONTAMINANT UNDER OSHA.

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

HCC:N1

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

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

Stability Indicator/Materials to Avoid:YES

SOLVENTS MAY DISSOLVE BATTERY CASE.

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

Hazardous Decomposition Products:SEVERE OVERCHARGING AND OVERHEATING MAY CAUSE SULFUR OXIDE FUMES AND GASES

GENERATION OF FLAMMABLE HYDROGEN
GAS.

===== 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.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.