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EAGLE-PICHER INDUSTRIES ELECTRONICS DIV COUPLES D -- CAREFREE RECHARGEABLE
BATTERY CFM 12V12 -- 6140-01-062-5151

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

Product ID:CAREFREE RECHARGEABLE BATTERY CFM 12V12

MSDS Date:03/12/1991

FSC:6140

NIIN:01-062-5151

MSDS Number: BQFCT

=== Responsible Party ===

Company Name:EAGLE-PICHER INDUSTRIES ELECTRONICS DIV COUPLES D

Address:C AND PORTER STREETS

Box:47

City:JOPLI

N

State:MO

ZIP:64801

Country:US

Info Phone Num:417-623-8000 / FAX 417-623-0850

Emergency Phone Num:417-623-8000 /FAX 417-623-0850

CAGE:0B3X4

=== Contractor Identification ===

Company Name:BATTERY OUTLET INC

Address:1608 CAMPOSTELLA RD

Box:City:CHESAPEAKE

State:VA

ZIP:23324

Country:US

Phone:757-545-4442

CAGE:0FGN2

Company Name:EAGLE-PICHER INDUSTRIES INC

Address:NORTH BETHEL ROAD

Box:130

City:SENECA

State:MO

ZIP:64865

Country:US

Phone:417-776-2256

CAGE:083X4

Company Name:EAGLE-PICHER INDUSTRIES I

NC
Address:14212 BETHEL ROAD
Box:130
City:SENECA
State:MO
ZIP:64865
Country:US
Phone:417-776-2256
CAGE:0B3X4

Company Name:EAGLE-PICHER INDUSTRIES, INC.
Address:C AND PORTER STS
Box:47
City:JOPLIN
State:MO
ZIP:64801
Country:US
Phone:417-623-8000
CAGE:81855

Company Name:ENGINEERED ASSEMBLIES AND COMPONENTS CORP
Address:5289 CAPITAL BLVD
Box:City:RALEIGH
State:NC
ZIP:27604-2925
Country:US
Phone:919-790-9700
CAGE:0AC65

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

Ingred Nam
e:SULFURIC ACID (SARA III) 38%, 1.28 SP. GR.
CAS:7664-93-9
RTECS #:WS5600000
Fraction by Wt: 18.0%
Other REC Limits:NONE SPECIFIED BY M.
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:LEAD (SARA III)
CAS:7439-92-1
RTECS #:OF7525000
Fraction by Wt: 50.0%
Other REC Limits:NONE SPECIFIED BY M.
OSHA PEL:0.05 MG/M3;1910.1025
ACGIH TLV:0.15 MG/M3;DUST 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:LEAD PEROXIDE
CAS:1309-60-0
RTECS #:OG0700000
Fra

ction by Wt: 25.0%
Other REC Limits:0.05 MG/M3 AS LEAD

Ingred Name:POLYMER CASE

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:NO OSHA:NO
Health Hazards Acute and Chronic:PRODUCT IS AN ARTICLE WHICH UNDER
NORMAL USE IS NON-HAZARDOUS. HOWEVER, IF BATTERY CASING IS
RUPTURED, EXPOSURE TO TOXIC LEAD AND CORROSIVE SULFURIC ACID CAN
OCCUR. SULFURIC ACID CAUSES BURRNS
TO ALL TISSUES, AND IS HARMFUL
IF INGESTED. LEAD MAY CAUSE SYSTEMIC POISONING.
Explanation of Carcinogenicity:NTP LISTS LEAD ACETATE & LEAD PHOSPHATE
AS ANIMAL CARCINOGENS. FREE LEAD OR LEAD OXIDE/SULFATE ARE NOT
LISTED CARCINOGEN
Effects of Overexposure:SULFURIC ACID:SEVERE BURNS, IRRITATION.
LEAD:SYSTEMIC POISONING.
Medical Cond Aggravated by Exposure:EXPOSURE TO LEAD.

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

First Aid:SULFURIC ACID CONTACT: EYE:
FLUSH WITH WATER 15 MIN. SKIN:WASH
IMMEDIATELY WITH SOAP & WATER. INGESTION:DRINK LARGE QUANTITIES OF
MILK OR WATER. GET MEDICAL ATTENTION INHALATION:REMOVE TO FRESH
AIR.

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

Flash Point:NONE
Extinguishing Media:CARBON DIOXIDE,DRY CHEMICAL,FOAM,WATER FOG.
Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:PRODUCES HYDROGEN GAS DURING CHARGING.
EXPLOSION CAN RESULT FROM
IMPROPER CHARGING AND IGNITION OF
CHARGING GASES.

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

Spill Release Procedures:ACID SPILL:NEUTRALIZE THEN FLUSH TO DRAIN.
Neutralizing Agent:SODIUM BICARBONATE OR 50/50 SODA ASH/LIME.

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL VENTILATED
AREA.
Other Precautions:DO NOT CRACK CASE. DO NOT OVERCHARGE. DO NOT SHORT
CIRCUIT TERMINALS. KEEP

IGNITION SOURCES AWAY FROM CHARGING
BATTERIES.

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Exposure Controls/Personal Protection
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Respiratory Protection:NONE EXPECTED TO BE NECESSARY.
Ventilation:NORMAL ROOM VENTILATION. LOCAL EXHAUST OR SIMILAR WHEN
CHARGING.
Protective Gloves:RUBBER,WHEN HANDLING ELECTROLYTE.
Eye Protection:SPLASH GOGGLES WHEN HANDLING ELECTROLYTE
Other Protective Equipment:WEAR APRON WHEN HANDLING ACID.
Work Hygienic Practices:USE GOOD INDUSTRIAL HYGIENE PRACTICE. AVOID
UNNECESSARY CONTACT.
Supplemental Safety and Health
PER MFR: THE PRODUCT IS AN ARTICLE UNDER OSHA.

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Physical/Chemical Properties
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HCC:N1

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES
SOLVENTS WHICH DISSOLVE BATTERY CASE.
Stability Condition to Avoid:IGNITION SOURCES (ESPECIALLY SPARKS, OPEN
FLAMES) DURING CHARGE CYCLE.
Hazardous Decomposition Products:HYDROGEN GAS DURING CHARGING, SULFUR
DIOXIDE FROM THE DECOMPOSITION OF SULFURIC ACID.

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Disposal Considerations
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Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.
NEUTRALIZE ACID & FLUSH TO DRAIN. RECYCLE REMAINDER BY SENDING TO
AUTO BATTERY RECOVERY FIRM. DO NOT INCINERATE.

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