

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:JOPL

IN

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

INC  
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 Na  
me: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  
Fr

action 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 BURRN  
S 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.

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

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  
UNNEC  
ESSARY CONTACT.  
Supplemental Safety and Health  
PER MFR: THE PRODUCT IS AN ARTICLE UNDER OSHA.

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

HCC:N1

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

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

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

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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