

EAGLE-PICHER INDUSTRIES INC -- CAREFREE RECHARGEABLE BATTERY,CF24V18 --  
6140-00-111-0500

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

Product ID:CAREFREE RECHARGEABLE BATTERY,CF24V18

MSDS Date:10/29/1993

FSC:6140

NIIN:00-111-0500

MSDS Number: BMZPY

=== 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 417-776-2257

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

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:EAGLE-PICHER INDUSTRIES,INC ELECTRONICS DIV

Address:BETHEL RD

Box:130

City:SENECA

State:MO



ES 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 HYDROGE N.SEVERE BURNS AND EYE DAMAGE MAY RESULTFROM EXPOSURE TO SULFURIC ACID ELECTROLYTE AND ILLNESS FROM SULFUR OXIDE FUMES.

Explanation of Carcinogenicity:LEAD AND SULFURIC ACID MISTS ARE CLASSIFIED AS IARC-2B.

Effects of Overexposure

:IRRITATION AND ACID BURNS. PUNGENT ODOR AND RESPIRATORY IRRITATION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. GET MEDICAL ATTENTION. INGESTION: LEAD/LEAD COMPOUNDS:GET MEDICAL ATTENTION.

SULFURIC ACID:DO NOT INDUCE VOMITING.GIVE WATER OR MILK FOLLOWED BY MILK OF MAGNESIA,BEATEN EGGS OR VEGETABLE OIL. GET MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:WATER, FOAM, DRY CHEMICAL.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT WHEN FIGHTING A CHEMICAL FIRE.

Unusual Fire/Explosion Hazard:EXPLOSION CAN RESULT FROM IMPROPER CHARGING AND IGNIT

ION OF CHARGING GASES; ALSO IF CHARGED IN GAS

TIGHT ENCLOSURES. KEEP LIGHTED CIGARETTES,SPARKS,FLAMES AWAY.

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

Spill Release Procedures:AVOID CONTACT WITH SULFURIC ACID ELECTROLYTE FROM BATTERY. NEUTRALIZE WITH SOLUTION OF BAKING SODA IN WATER. COLLECT NEUTRALIZED WASTE IN A SUITABLE CONTAINER FOR DISPOSAL. DO NOT FLUSH LEAD CONTAMINATED ACID TO SEWER.

Neutralizing Agent:BAKING SODA IN WATER.

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=== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA WITH IMPERVIOUS SURFACES AND ADEQUATE SPILL CONTAINMENT. BATTERIES SHOULD BE STORED UNDER ROOF.

Other Precautions:SEAL BATTERIES WITH RELEASED ELECTROLYTE IN POLYETHYLENE BAGS. AVOID PHYSICAL DAMAGE TO CONTAINERS. KEEP AWAY FROM FIRE, SPARKS, AND HEAT. DO NOT OVERCHARGE. DO NOT SHORT CIRCUIT BATTERY TERMINALS.KEEP BAKING SODA IN AREA FOR EMERGENCY USE.

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

Respiratory Protection:NONE NORMALLY REQUIRED. WHEN CONCENTRATIONS OF SULFURIC ACID MIST ARE KNOWN TO EXCEED PEL, USE NIOSH OR MSHA-APPROVED RESPIRATORY PROTECTION.

Ventilation:LOCAL EXHAUST IS RECOMMENDED AT CHARGING STATIONS AND WHERE PEL IS EXCEEDED. VENTIL. COMPONENTS MUST BE ACID-RESISTANT.

Protective Gloves:ROUGH RUBBER GLOVES IF CASE IS CRACKED.

Eye Protection:CHEMICAL SPLASH GOGGLES/FACE SHIELD.

Other P

Protective Equipment:HAVE EYE WASH STATION AND SAFETY SHOWER AVAILABLE. ACID-RESISTANT APRON, BOOTS, AND PROTECTIVE CLOTHING FOR MAJOR SPILL.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

ITEM IS AN ARTICLE. NOT REGULATED FOR TRANSPORTATION.

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

HCC:Z4

Appearance and Odor:BATTERY;10X6.5X6.5;18AH(TIR)

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===== 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 GENERATION OF FLAMMABLE HYDROGEN GAS.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

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Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.  
DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL  
REGULATIONS. UNLAWFUL TO DISPOSE IN LANDFILL. DO NOT  
INCINERATE,PUNCTURE,DISASSEMBLE OR MUTILATE. SEND SPENT BATTERIES  
TO LEAD SMELTER FOR RECYCLE.

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