

EAGLE-PICHER INDUSTRIES INC -- BATTERY, LEAD-ACID -- 6230-01-015-0156

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Product Identification
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Product ID: BATTERY, LEAD-ACID

MSDS Date: 01/01/1987

FSC: 6230

NIIN: 01-015-0156

MSDS Number: BHHPV

=== Responsible Party ===

Company Name: EAGLE-PICHER INDUSTRIES INC

Address: N BETHEL ROAD

Box: 130

City: SENECA

State: MO

ZIP: 64865

Country: US

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

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Composition/Information on Ingredients
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Ingred Name: SULFURIC ACID (SARA III)

CAS: 7664-93-9

RTECS #: WS5600000

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

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 MONOXIDE (LEAD OXIDE YELLOW)
CAS:1317-36-8
RTECS #:OG1750000
Other REC Limits:NONE ESTABLISHED
OSHA PEL:0.05 MG/M3 (PB)
ACGIH TLV:0.15 MG/M3(PB); 8990

Ingred Name:POLYSTYRENE RESIN
Other REC Limits:NONE ESTABLISHED
OSHA PEL:NONE ESTABLISHED
ACGIH TLV:NONE ESTABLISHED

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IAR
C:NO OSHA:NO
Health Hazards Acute and Chronic:SEE SIGNS AND SYMPTOMS OF
OVEREXPOSURE.
Effects of Overexposure:CONTACT MAY CAUSE PERMANENT DAMAGE TO
EYES,SEVERE BURNS AND ULCERATION OF SKIN. INHALATION CAUSES UPPER
RESPIRATORY IRRITATION AND POSSIBLE PULMONARY EDEMA. INGESTION
CAUSES SEVERE INJURIES.
Medical Cond Aggravated by Exposure:RESPIRATORY CONDITIONS WILL BE
AGGRAVATED BY BREATHING ACID MISTS.

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

First
Aid:EYES/SKIN:FLUSH WITH PLENTY OF WATER.SEE DOCTOR
IMMEDIATELY.REMOVE CONTAMINATED CLOTHING AND SHOES.
INHALATION:REMOVE TO FRESH AIR.GIVE OXYGEN/CPR IF NEEDED.SEE
DOCTOR. INGESTION:GIVE MILK OR WATER,FO LLOWED BY 2 OUNCE OF MILK
OF MAGNESIA(NOCARBONATES).SEE DOCTOR IMMEDIATELY.

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

Flash Point:NONE
Extinguishing Media:USE MEDIA SUITABLE FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR PROTECTIVE EQUIPMENT DU

RING FIRE
FIGHTING.

Unusual Fire/Explosion Hazard:NONE STATED.

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

Spill Release Procedures:WEAR APPROPRIATE PROTECTIVE EQUIPMENT.DILUTE CAUTIOUSLY WITH WATER.COVER WITH SODA ASH OR QUICKLIME.SCOOP UP AND PLACE IN APPROPRIATE DISPOSAL CONTAINER.

Neutralizing Agent:SODA ASH (SODIUM CARBONATE) OR QUICKLIME (CALCIUM OXIDE).

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

Handling and Storage Precautions:STORE AWAY FROM IGNITION SOURCES AND COMBUSTIBLE MATERIALS.AVOID CONTACT WITH ORGANIC MATERIALS.
Other Precautions:KEEP TERMINALS COVERED IN PLASTIC CASE.AVOID SHORTING BATTERIES.

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

Respiratory Protection:NONE NORMALLY REQUIRED. NIOSH/MSHA-APPROVED CARTRIDGE RESPIRATOR FOR ACIDS OR FULL FACE MASK AS APPROPRIATE FOR EXPOSURE OF CONCERN WHEN TLV IS EXCEEDED.

Ventilation:GENERAL (MECHANICAL) VENTILATION. LOCAL EXHAUST IN CONFINED AREAS.

Protective Gloves:RUBBER

Eye Protection:GOGGLES

Other Protective Equipment:RUBBER APRON AND BOOTS.EYES WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

THIS MSDS IS FOR ACID IN BATTERY.ADDITIONAL HAZARDS ASSOCIATED WITH THE LEAD CONTAINED IN THE BATTERY PLATES MAY BE PRESENT AT TIME OF DISPOSAL.

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

HCC:C1

pH: