

## **SILVER-ZINC BATTERY BB622B/U**

### **MSDS Number**

BSDRQ

### **National Stock Number**

6140-00-928-1943

### **Product Name**

SILVER-ZINC BATTERY BB622B/U

### **Manufacturer**

EAGLE PICHER INDUSTRIES

### **Product Identification**

Product ID: SILVER-ZINC BATTERY BB622B/U

MSDS Date: 12/22/1993

FSC: 6140

NIIN: 00-928-1943

MSDS Number: BSDRQ

### **Responsible Party**

EAGLE-PICHER INDUSTRIES

BETHEL RD

SENECA , MO 64865

US

Emergency Phone: 417-776-2256

Info Phone: 417-776-2256

Preparer: HMIS TECHNICIAN

Cage: 0B3X4

### **Contractor**

EAGLE-PICHER INDUSTRIES, INC.

47

JOPLIN, MO 64801

US

417-623-8000

Cage: 81855

### **Ingredients**

POTASSIUM HYDROXIDE (SARA III)

CAS: 1310-58-3

RTECS: TT2100000

OSHA PELC, 2 MG/M3

ACGIH TLV: C 2 MG/M3; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ZINC (SARA III)

CAS: 7440-66-6

RTECS: ZG8600000

OSHA PEL10 MG ZNO/M3

ACGIH TLV: 10 MG ZNO/M3; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

SILVER (SARA III)

CAS: 7440-22-4

RTECS: VW3500000

OSHA PEL0.01 MG/M3

ACGIH TLV: 0.1 MG/M3; 9293

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

## Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:ELECTROLYTE: INHALATION: COUGHING, WHEEZING, SHORTNESS OF BREATH. EYES: REDNESS, TEARING, BURNS, PAIN. SKIN: REDNESS, RASH, BURNS. INGESTION: SEVERE STOMACH PAIN, NAUSEA, VOMITING, DIARRHEA.

Medical Cond Aggravated by Exposure:PREEXISTING SKIN AND RESPIRATORY CONDITIONS MAY BE AGGAVATED BY EXPOSURE TO ELECTROLYTE LIQUID OR VAPOR.

## First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET IMMEDIATE MEDICAL HELP. SKIN: FLUSH WITH WATER; THEN WASH WITH SOAP AND WATER. INGESTION: DO NOT INDUCE VOMITING. GIVE SEVERAL GLASSES OF WATER TO CONSCIOUS VICTIM. GET IMMEDIATE MEDICAL ATTENTION.

## Fire Fighting

Flash Point:NONE

Extinguishing Media:DRY CHEMICAL

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:INTENSE HEAT AND ACRID SMOKE FROM BURNING BATTERY.

## Accidental Release

Spill Release Procedures:CONTAIN SPILL. WEAR PROPER PROTECTIVE CLOTHING. VENTILATE THE AREA. NEUTRALIZE. ABSORB WITH INERT MATERIAL AND PLACE IN CONTAINER FOR DISPOSAL.

Neutralizing Agent:5% ACETIC ACID SOLUTION.

## Handling

Handling and Storage Precautions:AVOID SHORT CICUITING OR OVERCHARGING. STORE IN A DRY, COOL AREA.

Other Precautions:NONE KNOWN.

## Exposure Controls

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION.

Protective Gloves:SPILLS: PVC

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:CLOTHING TO PREVENT REPEATED OR PROLONGED CONTACT WITH ELECTROLYTE. EYE WASH STATION & SAFETY SHOWER AVAILABLE.

Work Hygienic Practices: WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

MSDS IS BASED ON ELECTROLYTE: POTASSIUM HYDROXIDE. MSDS GENERATED FOR TECH SUPPORT. MFR PROVIDED MSDS FOR EACH INGREDIENT FOUND IN BATTERY; THIS PRACTICE DOES NOT REFLECT ITEM OF SUPPLY. USED THESE MSDS TO FORM THIS GENERATED ITEM. ELECTROLYTE IS PRIMARY HAZARD DURING NORMAL USE AND THEN ONLY IF BATTERY IS BROKEN.

## Chemical Properties

HCC: B1

pH: UNKNOWN

Appearance and Odor: BATTERY, NO ODOR. 3.297 INCHES X 5.328 INCHES X 7.25 INCHES. 6 VOLTS 80 AMP-HOUR

## Stability

Stability Indicator/Materials to Avoid: YES

STRONG MINERAL ACIDS AND SOLVENTS

Stability Condition to Avoid: SHORT CIRCUITING, OVERCHARGING.

Hazardous Decomposition Products: OXIDES OF CARBON, HYDROGEN GAS

## Disposal

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. RECYCLE METALS IF ALLOWED LOCALLY. CONTAINS SILVER (EPA WASTE (#D011)) AND ZINC. ALSO MAY EXHIBIT CHARACTERISTICS OF EPA WASTE D002 (CORROSIVE).

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