

## **MERCURY BATTERY/CELL, P/N:303228 (BT70244)**

### **MSDS Number**

BXHMY

### **National Stock Number**

6135-00-267-9431

### **Product Name**

MERCURY BATTERY/CELL, P/N:303228 (BT70244)

### **Manufacturer**

BREN TRONICS INC

### **Product Identification**

Product ID:MERCURY BATTERY/CELL, P/N:303228 (BT70244)

MSDS Date:03/01/1991

FSC:6135

NIIN:00-267-9431

MSDS Number: BXHMY

### **Responsible Party**

BREN-TRONICS INC

10 BRAYTON CT

COMMACK , NY 11725-3104

US

Emergency Phone: 516-499-5155

Info Phone: 516-499-5155

Cage: 51828

### **Contractor**

BREN-TRONICS INC

COMMACK, NY 11725-3104

US

631-499-5155

Cage: 51828

### **Ingredients**

POTASSIUM HYDROXIDE (CERCLA)

CAS: 1310-58-3

RTECS: TT2100000

Fraction By Weight: 9-11%

OSHA PELC 2 MG/M3

ACGIH TLV: C 2 MG/M3; 9495

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

MANGANESE DIOXIDE

CAS: 1313-13-9

RTECS: OP0350000

Fraction By Weight: 5-6%

OSHA PEL5 MG MN/M3 CEILING

ACGIH TLV: 5 MG MN/M3

ZINC (SARA 313) (CERCLA)

CAS: 7440-66-6

RTECS: ZG8600000

Fraction By Weight: 12%

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

MERCURY (SARA 313) (CERCLA)

CAS: 7439-97-6

RTECS: OV4550000

Fraction By Weight:

OSHA PELC, 0.1 MG/M3; Z-2

ACGIH TLV: S,0.025 MG/M3; A4;95

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

MERCURIC OXIDE (SARA 302/313) (CERCLA)

CAS: 21908-53-2

RTECS: OW8750000

Fraction By Weight: 34-45%

OSHA PEL0.1 MG (HG)/M3; Z-2

ACGIH TLV: S,0.025 MG(HG)/M3;95

## Hazards

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED

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

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

Health Hazards Acute and Chronic:THESE CHEMICALS ARE CONTAINED IN A SEALED CAN. RISK OF EXPOSURE OCCURS ONLY IF THE BATTERY IS MECHANICALLY OR ELECTRICALLY ABUSED. MOST LIKELY, RISK IS WHEN A CELL LEAKS. KOH IS CAUSTIC AND SKIN CONTACT CAN CAUSE IRRITATION OR BURNS. EYE CONTACT W/KOH MAY CAUSE PERMANENT INJURY.

Explanation of Carcinogenicity:MFR GAVE THE ABOVE LISTINGS ON THE MSDS BUT NO OTHER COMMENTS WERE RECORDED.

Effects of Overexposure:SKIN AND EYE CONTACT W/KOH MAY CAUSE BURNS. AT ELEVATED TEMP HG VAPOR MAY BE PRESENT AND SHOULD NOT BE INHALED.

Medical Cond Aggravated by Exposure:AN ACUTE EXPOSURE WILL NOT GENERALLY AGGRAVATE ANY MEDICAL CONDITION.

## First Aid

First Aid:IF LEAKAGE FROM CELL CONTACTS- SKIN:FLUSH W/WATER AND WASH WITH SOAP & WATER. EYES:FLUSH WITH COPIOUS AMOUNTS OF WATER FOR 15 MIN. THEN SEE PHYSICIAN AT ONCE.

## Fire Fighting

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE SELF-CONTAINED BREATHING APPARATUS WHEN LARGE NUMBER OF CELLS ARE INVOLVED.

Unusual Fire/Explosion Hazard:CELLS MAY RUPTURE WHEN HEATED EXCESSIVELY; MAY RELEASE TOXIC MERCURY AND CORROSIVE MATERIALS WHEN

INTEGRITY OF CELL CAN IS BROKEN.

## Accidental Release

Spill Release Procedures: AVOID SKIN AND EYE CONTACT. DO NOT INHALE VAPORS. COLLECT ALL RELEASED MATERIAL IN PLASTIC BAG FOR WASTE DISPOSAL. DO NOT TOUCH ANY LIQUID MERCURY.

Neutralizing Agent: MFR GAVE NO INFORMATION ON MSDS.

## Handling

Handling and Storage Precautions: STORE IN DRY PLACE. DO NOT RECHARGE. DO NOT SHORT CIRCUIT.

Other Precautions: USE BATTERY ONLY IN PROPER EQUIPMENT. OBSERVE CORRECT POLARITY WHEN INSTALLING INTO EQUIPMENT. DO NOT ATTEMPT TO RECHARGE.

## Exposure Controls

Respiratory Protection: AS IN ANY FIRE SITUATION, USE SELF-CONTAINED BREATHING APPARATUS (SCBA).

Protective Gloves: WHEN HANDLING LEAKING BATTERIES

Supplemental Safety and Health  
NONE

## Chemical Properties

HCC: N1

NRC/State Lic Num: NONE

Appearance and Odor: MFR DESCRIBED THE INGREDIENTS USED IN PRODUCING THE BATTERY.

## Stability

Stability Indicator/Materials to Avoid: YES

N/A.

Stability Condition to Avoid: DO NOT HEAT, DISASSEMBLE, OR RECHARGE. DO NOT SHORT CIRCUIT.

Hazardous Decomposition Products: WHEN HEATED CELLS MAY EMIT HAZARDOUS VAPORS OF HG OR CAUSTIC KOH OR LIQUID HG.

Conditions to Avoid Polymerization: WILL NOT OCCUR. N/A.

## Disposal

Waste Disposal Methods: IN SMALL QUANTITIES, BATTERIES MAY BE DISPOSED OF WITH HOUSEHOLD TRASH. DO NOT INCINERATE. DISPOSE OF LARGE QUANTITIES IN ACCORDANCE WITH LOCAL REGULATIONS.

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