

MERCURY CELL BATTERY

MSDS Number

BXBJP

National Stock Number

6230-00-032-2387

Product Name

MERCURY CELL BATTERY

Manufacturer

BURGESS BATTERY CORP

Product Identification

Product ID:MERCURY CELL BATTERY

MSDS Date:06/15/1995

FSC:6230

NIIN:00-032-2387

MSDS Number: BXBJP

Responsible Party

BURGESS BATTERY CORP.

1315 N BOLTON RD.

FREEPORT , IL 61032

US

Emergency Phone: OUT OF BUSINESS

Preparer: DGSC-VBA (HMIS)

Cage: 0LPY2

Contractor

BURGESS BATTERY CORP.

FREEPORT, IL 61032

US

Cage: 0LPY2

Ingredients

MANGANESE DIOXIDE

CAS: 1313-13-9

RTECS: OP0350000

Fraction By Weight: 0 - 15%

OSHA PEL5 MG MN/M3 CEILING

ACGIH TLV: 5 MG MN/M3

MERCURY (SARA 313) (CERCLA)

CAS: 7439-97-6

RTECS: OV4550000

Fraction By Weight: 0.3-1.5%

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: 0 - 50%

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

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

POTASSIUM HYDROXIDE (CERCLA)

CAS: 1310-58-3

RTECS: TT2100000

Fraction By Weight: 0 - 6%

OSHA PELC 2 MG/M3

ACGIH TLV: C 2 MG/M3; 9495

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

SODIUM HYDROXIDE (CERCLA)

CAS: 1310-73-2

RTECS: WB4900000

Fraction By Weight: 0 - 6%

OSHA PEL2 MG/M3

ACGIH TLV: C 2 MG/M3; 9495

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ZINC (SARA 313) (CERCLA)

CAS: 7440-66-6

RTECS: ZG8600000

Fraction By Weight: 0 - 15%

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT RELEVANT.

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:TARGET ORGANS:NONE. ACUTE- NONE. IF BATTERY IS BROKEN/IN FIRE:EXPOSURE TO MERCURY- CAN CAUSE EYES & SKIN IRRITATION, CORNEAL INJURY/BURNS. ORAL:MAY CAUSE IMMEDIATE NECROSIS IN MOUTH, THROAT & STOMACH. DEATH MAY OCCURE.

INHALE:COUGH, FEVER,& METALLIC TASTE. CHRONIC: MAY CAUSE CNS

DISTURBANCES IF CELL IS ABUSED.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:NONE. IF BATTERY IS IN FIRE OR CRUSHED:

CONVULSIONS, CHEST PAINS, COUGHING, SALIVATION, LOSS OF MEMORY,

METALLIC TASTE, DIZZINESS, DIARRHEA, NAUSEA, VOMITING, HEADACHE, WEIGHT LOSS

Medical Cond Aggravated by Exposure: PERSONS WITH A HISTORY OF ALCOHOLISM, CHRONIC KIDNEY DISEASE OR KNOWN ALLERGY TO MERCURY MAY BE AT INCREASED RISK FROM EXPOSURE TO MERCURY IF THE BATTERY IS RUPTURED.

First Aid

First Aid: IF EXPOSED TO RUPTURED BATTERY- INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING PROVIDE CPR. GET MEDICAL ATTENTION. EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WASH WITH PLENTY OF SOAP & WATER. INGESTION: GET IMMEDIATE MEDICAL ATTENTION.

Fire Fighting

Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures: FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard: FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS AND/OR MAY CAUSE EXPLOSION.

Accidental Release

Spill Release Procedures: PICK UP ALL BATTERIES. FOR A SMALL SPILL OF A RUPTURED BATTERY: COLLECT THE DUST WITH A VACUUM CLEANER. WASH THE AREA.

Neutralizing Agent: NONE

Handling

Handling and Storage Precautions: STORE IN A COOL, DRY, VENTILATED AREA AWAY FROM HEAT. KEEP OUT OF REACH OF SMALL CHILDREN.

Other Precautions: DO NOT SEAL BATTERIES IN AIR TIGHT OR WATERTIGHT CONTAINERS OR COMPARTMENTS. DO NOT RUPTURE OR THROW BATTERIES IN FIRE. DO NOT RECHARGE BATTERIES.

Exposure Controls

Respiratory Protection: NORMALLY NOT REQUIRED. WEAR MASK WHEN HANDLING DUST FROM RUPTURED BATTERY.

Ventilation: ADEQUATE

Protective Gloves: RUBBER, IF HANDLING RUPTURED BATTERY.

Eye Protection: GOGGLES IF HANDLING RUPTURED BATTERIES

Other Protective Equipment: EYE BATH, EMERGENCY SHOWER.

Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

THESE BATTERIES ARE MANUFACTURED "ARTICLES", WHICH DO NOT RESULT IN EXPOSURE TO A HAZARDOUS CHEMICAL UNDER NORMAL CONDITIONS OF USE, AS DEFINED IN OSHA HCS 1910.1200(C). NO MSDS WAS AVAILABLE FROM MANUFACTURER. THIS MSDS WAS PRODUCED BY PROFESSIONAL OF DGSC-VBA (HMIS).

Chemical Properties

HCC: N1

NRC/State Lic Num: NOT RELEVANT

Appearance and Odor: WATER ACTIVATED TYPE BATTERY

Stability

Stability Indicator/Materials to Avoid: YES

NONE

Stability Condition to Avoid: HIGH TEMPERATURES, CHARGING, CRUSHING, INCINERATION

Hazardous Decomposition Products: THERMAL DECOMPOSITION PRODUCTS INCLUDE TOXIC MERCURY VAPORS AND OTHER DECOMPOSITION PRODUCTS.

Disposal

Waste Disposal Methods:DO NOT INCINERATE. DISPOSE OF IN ACCORDANCE WITH
FEDERAL, STATE AND LOCAL REGULATION.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.