

LYNTRONICS, INC. -- MERCURIC OXIDE CELL USED IN VARIOUS BATTERIES

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MSDS Safety Information
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FSC: 6135
NIIN: 00-122-2420
MSDS Date: 05/01/1994
MSDS Num: CBRVQ
Product ID: MERCURIC OXIDE CELL USED IN VARIOUS BATTERIES
MFN: 01
Responsible Party
Cage: OBSY9
Name: LYNTRONICS, INC.
Address: 569 ACORN STREET
City: D
EER PARK NY 11729
Info Phone Number: 515-243-6397
Emergency Phone Number: 515-243-6397
Preparer's Name: ANTHONY VIGLIOTTI
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: OBSY9
Name: LYNTRONICS, INC.(AMERICAN POWERCELL BATTERY CO)
Address: 7 OLD DOCK RD
City: YAPHANK NY 11980
Phone: 631-205-1061FX:631-205-1072

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Item Description
Information
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Item Manager: S9G
Item Name: BATTERY, NONRECHARGEABLE
Specification Number: NONE
Type/Grade/Class: BA-1100 MOD1
Unit of Issue: EA
UI Container Qty: 1
Type of Container: UNKNOWN

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Ingredients
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Cas: 1310-58-3
RTECS #: TT2100000
Name: POTASSIUM HYDROXIDE (CERCLA)
Other REC Limits: NONE RECOMMENDED
OSHA PEL: C 2 MG/M3
ACGIH

TLV: C 2 MG/M3; 9495
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 21908-53-2
RTECS #: OW8750000
Name: MERCURIC OXIDE (SARA 302/313) (CERCLA)
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 0.1 MG (HG)/M3; Z-2
ACGIH TLV: S,0.025 MG(HG)/M3;95

Cas: 7439-97-6
RTECS #: OV4550000
Name: MERCURY (SARA 313) (CERCLA)
Other REC Limits: NONE RECOMMENDED
OSHA PEL: C, 0.1 MG/M3; Z-2
ACGIH TLV: S,0.025 MG/M3; A4;95
EPA Rpt Qty: 1 LB
DOT Rpt Qty: 1
LB

Cas: 7440-66-6
RTECS #: ZG8600000
Name: ZINC (SARA 313) (CERCLA)
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 1313-13-9
RTECS #: OP0350000
Name: MANGANESE DIOXIDE
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 5 MG MN/M3 CEILING
ACGIH TLV: 5 MG MN/M3

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Health Hazards Data
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LD50 LC50 Mixture: LD50 FOR THIS PRODUCT IS NOT ESTABLISHED
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: CHEMICALS ARE SEALED WITHIN THE BATTERY.MOST LIKELY
EXPOSURE IS TO CAUSTIC POTASSIUM HYDROXIDE FROM
LEAKERS.SKIN:BURNS.EYES:SEVERE PERMANENT INJURY.INHAL:MERCURY VAPORS CAN
PRODUCE MERCURY INTOXICATIO N.
Explanation Of Carcinogenicity: THERE ARE NO INGREDIENTS

ABOVE 0.1% WHICH ARE

IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Signs And Symptions Of Overexposure: KOH:CHEMICAL BURNS.

Medical Cond Aggravated By Exposure: ACUTE EXPOSURE IS UNLIKELY TO AGGRIVATE EXISTING MEDICAL CONDITIONS UNDER NORMAL CONDITIONS OF USE.

First Aid: SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.CALL PHYSICIAN.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOM ITING.GET PROMPT

QUALIFIED MEDICAL ATTENTION.CALL THE NATIONAL CAPITOL POISON CENTER AT 202-625-3333.

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Handling and Disposal
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Spill Release Procedures: USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT.VENTILATE AREA.SOAK UP WITH A NON-COMBUSTIBLE INERT ABSORBANT(CLAY,SAND);PLACE IN PROPER CONTAINER FOR DISPOSAL.

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULAT

IONS.LARGE QUANTITIES OF MERCURY BATTERIES SHOULD BE TREATED AS HAZARDOUS WASTE.DO NOT INCINERATE.

Handling And Storage Precautions: STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions: DO NOT RECHARGE,SHORT OR ABUSE.DO NOT MIX BATTERY TYPES.

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Fire and Explosion Hazard Information
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Flash Point Text: NONE

Extinguishing Media: USE MEDIA A PPROPRIATE FOR SURROUNDING FIRE.

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

Unusual Fire/Explosion Hazard: FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

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Control Measures
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Respiratory Protection: USE A SELF CONTAINED BREATHING APPARATUS WHEN CELLS ARE INVOLVED IN A FIRE.

Ventilation: NO SPECIAL REQUIREMENTS

Protective Gloves: NEOPRENE

,RUBBER,LATEX-NITRILE.

Eye Protection: SAFETY GLASSES WHEN HANDLING LEAKERS.

Other Protective Equipment: NONE

Work Hygienic Practices: USE REASONABLE CARE IN HANDLING THIS PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health: NOTE:PHYSICAL PROPERTIES ARE FOR POTASSIUM HYDROXIDE ELECTROLYTE.

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Physical/Chemical Properties
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HCC: N1

B.P. Text: 2408F,1320C

M.P/F

.P Text: 680F,360C

Decomp Text: UNKNOWN

Spec Gravity: 2.0

Solubility in Water: APPRECIABLE

Appearance and Odor: ELECTROLYTE IS A CLEAR LIQUID.

Corrosion Rate: UNKNOWN
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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: HIGH HEAT.DO NOT DISASSEMBLE,CRUSH,PUNCTURE OR RECHARGE.

Materials To Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: WHEN HEATED THE BATTERY EMITS MERCURY VAPORS AND CAUSTIC POTASSIUM HYDROXIDE.

Hazardous Polymerization Indicator: NO
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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Transportation Information
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Responsible Party Cage: 0BSY9

Trans ID NO: 48865

Product ID: ME

RCURIC OXIDE CELL USED IN VARIOUS BATTERIES

MSDS Prepared Date: 05/01/1994

Review Date: 08/26/1996

MFN: 1

Net Unit Weight: UNKNOWN

AF MMAC Code: NR

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: EA

Container QTY: 1

Type Of Container: UNKNOWN

Additional Data: NONE

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Detail DOT Information

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DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail IMO Information

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IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

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Detail IATA Information

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IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail AFI Information

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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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HAZCOM Label

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Product ID: MERCURIC OXIDE CELL USED IN VARIOUS BATTERIES

Cage: 0BSY9

Company Name: LYNTRONICS, INC.(AMERICAN POWERCELL BATTERY CO)

Street: 7 OLD DOCK RD

City: YAPHANK NY

Zipcode: 11980

Health Emergenc

y Phone: 515-243-6397
Label Required IND: Y
Date Of Label Review: 08/26/1996
Status Code: C
MFG Label NO: UNKNOWN
Label Date: 08/26/1996
Origination Code: F
Signal Word: CAUTION
Health Hazard: Slight
Contact Hazard: Slight
Fire Hazard: None
Reactivity Hazard: None

Hazard And Precautions: CHEMICALS ARE SEALED WITHIN THE BATTERY.MOST LIKELY EXPOSURE IS TO CAUSTIC POTASSIUM HYDROXIDE FROM LEAKERS.SKIN:BURNS.EYES:SEVERE PERMANENT INJURY.INHAL:MERCURY VAPORS CAN PRODUCE MERCURY INTOXICATION. F

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