

Conservation

Environmental Stewardship Division
Environmental Assessment and Licensing Branch
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T 204 945-7100 F 204 945-5229
www.gov.mb.ca/conservation/envapprovals
FAXED
CLIENT FILE NO.: 5095.00

January 8, 2008

Robin Strong Urbanmine Inc. 254 Albany Street Winnipeg MB R3J 2A8

Dear Ms Strong:

Further to your correspondence of December 5, 2007, informing us of the corporate name change of A & M Goodman Investments Ltd. to Urbanmine Inc., enclosed is Revised Environment Act Licence No. 194 HW RR re-issued in the new corporate name.

In addition to the enclosed Licence requirements, please be informed that all other applicable federal, provincial and municipal regulations and by-laws must be complied with.

For further information on the administration and application of the Revised Licence, please feel free to contact Kim Fedick at 945-0992.

Yours truly,

Tracey Braun, M.Sc.

Director

Dangerous Goods Handling and Transportation Act

haver Dean

Enc.

c: B. Gillespie, Regional Director, Central Region

c: Kim Fedick, Environment Officer

c: City of Winnipeg Community Committee

NOTE: Confirmation of Receipt of this Licence No. 194 HW RR (by the Licencee only) is required by the Director of Environmental Assessment & Licensing Branch. Please acknowledge receipt by signing in the space provided below and faxing (cover letter only) a copy back to the Department by January 11, 2008.

On behalf of Urbanmine Inc.

Date

A GORY OF THE LICENCE MUST BE KEPT ON SITE AT THE FACILITY AT ALL TIMES



THE DANGEROUS GOODS HANDLING and TRANSPORTATION ACT LOI SUR LA MANUTENTION ET LE TRANSPORT DES **MARCHANDISES DANGEREUSES**



Conservation Manitoba

ICENCE

Licence No./Licence no

194 HW RR

Issue Date/Date de délivrance : August 18, 2005

Revised: February 16, 2006 Revised: January 8, 2008

In accordance with The Dangerous Goods Handling and Transportation Act (C.C.S.M. c. D12)/ Conformément à la Loi sur la manutention et le transport des marchandises dangereuses (C.P.L.M. c. D12)

THIS LICENCE IS ISSUED TO:/CET LICENCE EST DONNÉ À:

URBANMINE INC.; "the Licencee"

for the operation of a Waste Battery transfer facility (the facility) located at 410 Madison Street, in Winnipeg, Manitoba, in accordance with the Application filed under The Dangerous Goods Handling and Transportation Act dated April 22, and the additional information received November 8, 2005 and December 5, 2007 and subject to the following specifications, limits, terms and conditions:

DEFINITIONS

In this Licence,

"accredited laboratory" means an analytical facility accredited by the Standard Council of Canada (SCC), or accredited by another accrediting agency recognized by Manitoba Conservation to be equivalent to the SCC, or be able to demonstrate, upon request, that it has the quality assurance/quality control (QA/QC) procedures in place equivalent to accreditation based on the international standard ISO/IEC 17025, or otherwise approved by the Director;

"battery" means a battery or cell as listed in Appendix "A";

"contaminant" means any solid, liquid, gas, waste, radiation or any combination thereof that is foreign to or in excess of the natural constituents of the environment and:

- that affects the natural, physical, chemical or biological quality of the environment; or
- that is or is likely to be injurious or damaging to the health or safety of a person;

"Director" means an employee of the department who has been designated or appointed by the Minister;

"Environment Officer" means a department employee so designated or appointed by the minister;

A COPY OF THE LICENCE MUST BE KEPT ON SITE AT THE DEVELOPMENT AT ALL TIMES

Urbanmine Inc. Licence No. 194 HW RR Page 2 of 5

"permanently closed" means that the facility has not been operated for a period of 6 months or more;

"waste battery" means a battery that:

- a) through use, storage, handling, defect, damage, expiry of shelf life or other similar circumstance can no longer be used for its original purpose; or
- b) for any other reason, the owner or person in possession of the battery intends to dispose of it;

"licenced carrier" means a person who has a valid licence to transport hazardous waste pursuant to Manitoba Regulation 175/87 under The Dangerous Goods Handling and Transportation Act (C.C.S.M. c. D12); and

"registered generator" means a person who is registered as a hazardous waste generator pursuant to Manitoba Regulation 175/87 under The Dangerous Goods Handling and Transportation Act (C.C.S.M. c. D12).

GENERAL TERMS AND CONDITIONS

This Section of the Licence contains requirements intended to provide guidance to the Licencee in implementing practices to ensure that the environment is maintained in such a manner as to sustain a high quality of life, including social and economic development, recreation and leisure for present and future Manitobans.

- 1. The Licencee shall implement a high standard of equipment maintenance and good housekeeping and operational practices with respect to the facility, at all times.
- 2. The Licencee shall, upon the request of the Director and in addition to any of the specifications, limits, terms or conditions specified in this Licence:
 - a) sample, monitor, analyze and/or investigate specific areas of concern regarding any segment, component or aspect of contaminant storage, containment, treatment, handling, disposal or emission systems, for such contaminants or ambient quality, aquatic toxicity, leachate characteristics and discharge or emission rates, for such duration and at such frequencies as may be specified;
 - b) determine the environmental impact associated with the release of any contaminants from the said facility; or
 - c) provide the Director, within such time as may be specified, with such reports, drawings, specifications, analytical data, descriptions of sampling and analytical procedures being used, bioassay data, flow rate measurements and such other information as may from time to time be requested.

Urbanmine Inc. Licence No. 194 HW RR Page 3 of 5

- 3. The Licencee shall, unless otherwise specified in this Licence:
 - a) carry out all sampling of, and preservation and analyses on, water, soil or air samples in accordance with methodologies approved in writing by the Director;
 - b) use an accredited laboratory for all analytical determinations; and
 - c) report the results to the Director within 60 days of the samples being taken.
- 4. The Licencee shall provide to the Director, upon request, all information required under this Licence, in writing and in such form and content (including number of copies), as may be specified by the Director.

SPECIFICATIONS, LIMITS, TERMS AND CONDITIONS

- 5. The Licencee shall not receive at the facility any hazardous waste other than waste batteries.
- 6. The Licencee shall train personnel handling dangerous goods, as required by The Dangerous Goods Handling and Transportation Act and Regulations thereunder.
- 7. The Licencee shall initiate and maintain a record for all waste batteries received at the facility. The record shall contain, for each day that waste batteries are received the:
 - a) date of receipt;
 - b) name and address of the carrier;
 - c) quantity or weight of batteries received;
 - d) source of the batteries; and
 - e) the Manitoba Generator Registration Number for each source of waste batteries, where applicable.
- 8. The Licencee shall, unless otherwise specified by this Licence, retain all records during the full life of operation of the facility, and after closure, for such period of time as may be specified by the Director. Records may be transferred from their original form to other accepted forms for information storage.
- 9. The Licencee shall make available for inspection by an Environment Officer upon request a summary of the record referred to in Clause 7 of this Licence.
- 10. The Licencee shall arrange for all waste batteries received at the facility to be transported within 60 days to a recycling or disposal facility operating under the authority of a Licence issued pursuant to The Dangerous Goods Handling and

Transportation Act in Manitoba, or under an approval of similar type in another jurisdiction.

Urbanmine Inc. Licence No. 194 HW RR Page 4 of 5

- 11. The Licencee shall store the waste batteries at least 20 feet distance from any ports or drains in the storage areas of the facility that lead directly or indirectly to a sewer system so that a spill or leak of acid will not enter into the sewer system.
- 12. The Licencee shall store the waste batteries in an area where the floor is resistant to acid.
- 13. The Licencee shall store the waste batteries in an area that provides containment.
- 14. The Licencee shall store the waste batteries on pallets with a layer of corrugated cardboard, or other material which will prevent casing ruptures, placed between successive layers of waste batteries.
- 15. The Licencee shall conspicuously place in the area used for storage of waste batteries effective neutralizing materials, or materials approved by the Director in writing, for the containment or clean up of spills.
- 16. The Licencee shall in the event of a spill, dispose of the water used to clean up the spill in accordance with applicable regulations.
- 17. The Licencee shall not allow the inventory of waste batteries at the facility to exceed 2200 waste batteries at any one time.
- 18. The Licencee shall submit to the Director for approval, within 30 days of the date of this Licence, a contingency plan, in accordance with the Manitoba Industrial Accidents Council (MIAC) *Industrial Emergency Response Planning Guide*, outlining procedures to be used in the event of a leak, spill, fire, or other hazardous condition at the facility.
- 19. The Licencee shall, within 30 days of the date of this Licence, post with the Manitoba Department of Conservation in the amount of \$10,000 Cdn:
 - a) a permit bond issued by a surety company licenced to do business in the Province of Manitoba;
 - b) an irrevocable letter of credit; or
 - c) another acceptable security satisfactory to the Director.

This permit bond, irrevocable letter of credit, or other security and renewals thereof shall remain in place for the duration of the operation of the facility. The Director may order forfeiture of the permit bond, irrevocable letter of credit, or other security, either in whole or in part, by giving written notice to that effect to the Licencee, upon the Director being satisfied that the Licencee is in breach of any specification, limit, term or condition of this Licence, or for reimbursement of any costs or expenses incurred by the Province of Manitoba in rectifying environmental damage caused or contributed to by the operation of the facility.

Urbanmine Inc. Licence No. 194 HW RR Page 5 of 5

- 20. The Licencee shall obtain approval in writing from the Director for any proposed alterations to the facility before proceeding with an alteration.
- The Licencee shall, in the event that the facility is to be permanently closed as a waste battery 21. transfer facility, or is offered for sale, conduct an investigation, to the satisfaction of the Director, to identify any contamination that may have resulted from the operation of the facility.
- 22. The Licencee shall, where the investigation referred to in Clause 21 of this Licence shows that contamination of the environment has occurred, submit a remediation proposal to the Director and, upon approval of this proposal by the Director, the required remediation shall be carried out by the Licencee.
- The Licencee shall, in the event of an Environmental Accident as defined in The Dangerous Goods Handling and Transportation Act and Regulations thereunder, take all necessary actions to contain the spill, manage the impacted environment, and to restore the environment to the satisfaction of an Environment Officer or the Director.

REVIEW AND REVOCATION

- This Licence replaces Licence No. 194 HW R which is hereby rescinded. A.
- B. If, in the opinion of the Director, the Licencee has exceeded or is exceeding or has or is failing to meet the specifications, limits, terms, or conditions set out in this Licence, the Director may, temporarily or permanently, revoke this Licence.
- C. If, in the opinion of the Director, new evidence warrants a change in the specifications, limits, terms or conditions of this Licence, the Director may require the filing of a new proposal pursuant to The Dangerous Goods Handling and Transportation Act.

Tracey Braun, M. Sc.

Director

Dangerous Goods Handling and Transportation Act

Client File No.: 5095.00

Consignor Registration No. MB G 11535 Consignee Registration No. MB R 30026

APPENDIX "A" to Dangerous Goods Handling and Transportation Act Licence No. 194 HW RR

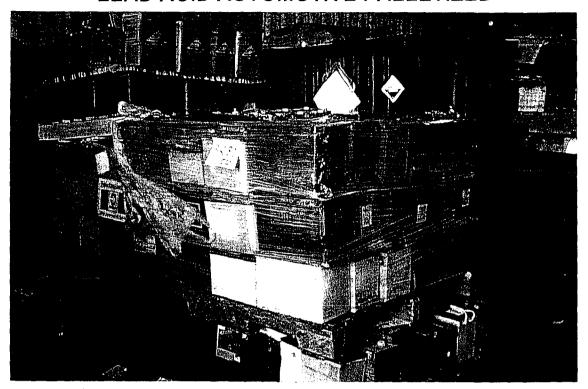
The batteries and cells referred to in the Definitions Section as "battery" in Licence No. 194 HW RR are:

- Lead Acid Automotive Palletized
- Lead Acid Heavy Duty Equipment
- Lead Acid "Glass" Station
- Lead Acid Steel Clad
- Lead Absolyte Battery
- Lead "Gates" Sealed Cell
- Lead Sealed Cells
- Lead Acid "Submarine" or "07" Tank Cells
- Lead Acid Monoblock Cell
- Alkaline Sealed Cell (flashlight etc.)
- Zinc Chloride, Zinc Carbon Lantern Battery
- Nickel Cadmium Sealed Cell Rechargeable
- Nickel Cadmium Vented Cell
- Air Depolarized Zinc (non-toxic)
- Air Depolarized Zinc(toxic with Mercury)
- Mercury Oxide Sealed Cells
- Lithium Cells and Batteries

The acceptable storage instructions for the batteries and cells referred to in the Definitions Section as "battery" in Licence No. 194 HW RR are to be found on the following pages:

•	Lead Acid – Automotive Palletized	Page 2
•	Lead Acid – Heavy Duty Equipment	Page 3
•	Lead Acid "Glass" Station	Page 4
•	Lead Acid - Steel Clad	Page 5
•	Lead Absolyte Battery	Page 6
•	Lead "Gates" Sealed Cell	Page 7
•	Lead Sealed Cells	Page 8
•	Lead Acid "Submarine" or "07" Tank Cells	Page 9
•	Lead Acid Monoblock Cell	Page 10
•	Alkaline Sealed Cell (flashlight etc.)	Page 11
•	Zinc Chloride, Zinc Carbon Lantern Battery	Page 12
•	Nickel Cadmium Sealed Cell Rechargeable	Page 13
•	Nickel Cadmium Vented Cell	Page 14
•	Air Depolarized Zinc (non-toxic)	Page 15
•	Air Depolarized Zinc(toxic with Mercury)	Page 16
•	Mercury Oxide Sealed Cells	Page 17
•	Lithium Cells and Batteries	Page 18/19
	1	

LEAD ACID AUTOMOTIVE PALLETIZED



NO MANIFEST REQUIRED IN ONTARIO - SHIPPED ON BILL OF LADING

PROPER SHIPPING NAME DESCRIPTION:

CANADIAN:

WASTE BATTERIES, WET, FILLED WITH ACID, ELECTRIC STORAGE, 8, UN2794, 112C,

PG III. ERG#154

UNITED STATES: WASTE BATTERIES, WET, FILLED WITH ACID, ELECTRIC STORAGE, 8, UN2794,

D002/D008, PG III, ERG#154

D.O.T.

DESCRIPTION:

BATTERIES, WET, FILLED WITH ACID, ELECTRIC STORAGE, 8, UN2794, PG III, ERG#154

UNIVERSAL WASTE RULE 273: STATES THAT HAVE ADOPTED RULE 273 CAN SHIP USING A BILL OF LADING, REPLACING THE HAZARDOUS WASTE MANIFEST. THE SHIPPING DOCUMENT MUST CONTAIN THE PROPER D.O.T. SHIPPING NAME. SEE APPENDIX A FOR A SUMMARY OF UWR.

P.I.N.: UN2794

CANADIAN WASTE CODE: 112C

CLASSIFICATON: 8

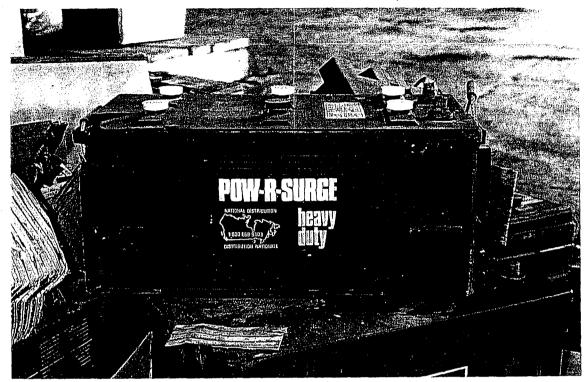
APPROX. WEIGHT (LBS.): 3000

UNITED STATES WASTE NO: D002/D008

PACKING GROUP: III

- CORROSIVE PLACARDS REQUIRED.
- TWO CORROSIVE LABELS ARE REQUIRED. ONE EACH ON OPPOSITE ENDS OF THE PACKAGE.
- PALLETIZE FOR SHIPMENT USING PLASTIC "SHRINK WRAP" TO SECURE CELLS ON PALLET.
- USE CARDBOARD BETWEEN ROWS OF CELLS TO ACT AS BOTH SHOCK ABSORBER AND TO ABSORB LIQUID WHICH MAY LEAK FROM CELLS.
- DO NOT STACK CELLS MORE THAN THREE ROWS HIGH.

LEAD ACID - HEAVY DUTY EQUIPMENT



NO MANIFEST REQUIRED IN ONTARIO - SHIPPED ON BILL OF LADING

PROPER SHIPPING NAME DESCRIPTION:

CANADIAN:

WASTE BATTERIES, WET, FILLED WITH ACID, ELECTRIC STORAGE, 8, UN2794, 112C,

PG III, ERG#154

UNITED STATES: WASTE BATTERIES, WET, FILLED WITH ACID, ELECTRIC STORAGE, 8, UN2794,

D002/D008, PG III, ERG#154

D.O.T.

DESCRIPTION:

BATTERIES, WET, FILLED WITH ACID, ELECTRIC STORAGE, 8, UN2794, PG III, ERG#154

UNIVERSAL WASTE RULE 273: STATES THAT HAVE ADOPTED RULE 273 CAN SHIP USING A BILL OF LADING, REPLACING THE HAZARDOUS WASTE MANIFEST. THE SHIPPING DOCUMENT MUST CONTAIN THE PROPER D.O.T. SHIPPING NAME. SEE APPENDIX A FOR A SUMMARY OF UWR.

P.I.N.: UN2794

CANADIAN WASTE CODE: 112C

CLASSIFICATON: 8

APPROX. WEIGHT (LBS.): 60-115 UNITED STATES WASTE NO: D002/D008

PACKING GROUP: III

- CORROSIVE PLACARDS REQUIRED.
- TWO CORROSIVE LABELS ARE REQUIRED. ONE EACH ON OPPOSITE ENDS OF THE PACKAGE.
- PALLETIZE FOR SHIPMENT USING PLASTIC "SHRINK WRAP" TO SECURE CELLS ON PALLET.
- USE CARDBOARD BETWEEN ROWS OF CELLS TO ACT AS BOTH SHOCK ABSORBER AND TO ABSORB LIQUID WHICH MAY LEAK FROM CELLS.
- DO NOT STACK CELLS MORE THAN THREE ROWS HIGH.

LEAD ACID "GLASS" STATION



NO MANIFEST REQUIRED IN ONTARIO - SHIPPED ON BILL OF LADING

PROPER SHIPPING NAME DESCRIPTION:

CANADIAN:

WASTE BATTERIES, WET, FILLED WITH ACID, ELECTRIC STORAGE, 8, UN2794, 112C,

PG III. ERG#154

UNITED STATES: WASTE BATTERIES, WET, FILLED WITH ACID, ELECTRIC STORAGE, 8, UN2794,

D002/D008, PG III, ERG#154

D.O.T.

DESCRIPTION:

BATTERIES, WET, FILLED WITH ACID, ELECTRIC STORAGE, 8, UN2794, PG III, ERG#154

UNIVERSAL WASTE RULE 273: STATES THAT HAVE ADOPTED RULE 273 CAN SHIP USING A BILL OF LADING, REPLACING THE HAZARDOUS WASTE MANIFEST, THE SHIPPING DOCUMENT MUST CONTAIN THE PROPER D.O.T. SHIPPING NAME. SEE APPENDIX A FOR A SUMMARY OF UWR.

P.I.N.: UN2794

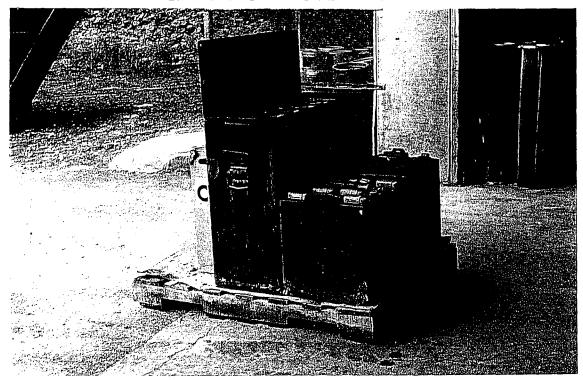
CANADIAN WASTE CODE: 112C

APPROX. WEIGHT (LBS.): 25-350 UNITED STATES WASTE NO: D002/D008

CLASSIFICATON: 8 PACKING GROUP: |||

- CORROSIVE PLACARDS REQUIRED.
- TWO CORROSIVE LABELS ARE REQUIRED. ONE EACH ON OPPOSITE ENDS OF THE PACKAGE.
- PALLETIZE FOR SHIPMENT USING PLASTIC "SHRINK WRAP" TO SECURE CELLS ON PALLET.
- USE CARDBOARD BETWEEN SKIDS AND CELLS TO ACT AS BOTH SHOCK ABSORBER AND TO AB-SORB LIQUID WHICH MAY LEAK FROM CELLS.
- DO NOT STACK THESE CELLS.

LEAD ACID - STEEL CLAD



NO MANIFEST REQUIRED IN ONTARIO - SHIPPED ON BILL OF LADING

PROPER SHIPPING NAME DESCRIPTION:

CANADIAN:

WASTE BATTERIES, WET, FILLED WITH ACID, ELECTRIC STORAGE, 8, UN2794, 112C,

PG III, ERG#154

UNITED STATES: WASTE BATTERIES, WET, FILLED WITH ACID, ELECTRIC STORAGE, 8, UN2794,

D002/D008, PG III, ERG#154

D.O.T.

DESCRIPTION:

BATTERIES, WET, FILLED WITH ACID, ELECTRIC STORAGE, 8, UN2794, PG III, ERG#154

UNIVERSAL WASTE RULE 273: STATES THAT HAVE ADOPTED RULE 273 CAN SHIP USING A BILL OF LADING. REPLACING THE HAZARDOUS WASTE MANIFEST. THE SHIPPING DOCUMENT MUST CONTAIN THE PROPER D.O.T. SHIPPING NAME. SEE APPENDIX A FOR A SUMMARY OF UWR.

P.I.N.: UN2794

CANADIAN WASTE CODE: 112C

CLASSIFICATON: 8

APPROX. WEIGHT (LBS.): 250-5000 UNITED STATES WASTE NO: D002/D008 PACKING GROUP: III

- CORROSIVE PLACARDS REQUIRED.
- TWO CORROSIVE LABELS ARE REQUIRED. ONE EACH ON OPPOSITE ENDS OF THE PACKAGE.
- PALLETIZE FOR SHIPMENT USING PLASTIC "SHRINK WRAP" TO SECURE CELLS ON PALLET.
- USE CARDBOARD BETWEEN ROWS OF CELLS TO ACT AS BOTH SHOCK ABSORBER AND TO ABSORB LIQUID WHICH MAY LEAK FROM CELLS.
- DO NOT STACK THESE CELLS.

LEAD ABSOLYTE BATTERY



NO MANIFEST REQUIRED IN ONTARIO - SHIPPED ON BILL OF LADING

PROPER SHIPPING NAME DESCRIPTION:

CANADIAN:

WASTE BATTERIES, WET, NON-SPILLABLE, ELECTRIC STORAGE, 8, UN2800, 112C,

PG III, ERG#154

UNITED STATES: WASTE BATTERIES, WET, NON-SPILLABLE, ELECTRIC STORAGE, 8, UN2800,

D002/D008, PG III, ERG#154

D.O.T.

DESCRIPTION:

BATTERIES, WET, NON-SPILLABLE, ELECTRIC STORAGE, 8, UN2800, PG III, ERG#154

UNIVERSAL WASTE RULE 273: STATES THAT HAVE ADOPTED RULE 273 CAN SHIP USING A BILL OF LADING, REPLACING THE HAZARDOUS WASTE MANIFEST. THE SHIPPING DOCUMENT MUST CONTAIN THE PROPER D.O.T. SHIPPING NAME. SEE APPENDIX A FOR A SUMMARY OF UWR.

P.I.N.: UN2800

APPROX. WEIGHT (LBS.): 500

CANADIAN WASTE CODE: 112C

CLASSIFICATON: 8

UNITED STATES WASTE NO: D002/D008

PACKING GROUP: |||

- CORROSIVE PLACARDS REQUIRED.
- TWO CORROSIVE LABELS ARE REQUIRED. ONE EACH ON OPPOSITE ENDS OF THE PACKAGE.
- PALLETIZE FOR SHIPMENT USING PLASTIC "SHRINK WRAP" TO SECURE CELLS ON PALLET.
- THESE CELLS CONTAIN CADMIUM (AS MUST AS 5%), AS WELL AS LEAD.
- DO NOT STACK THESE CELLS.

LEAD "GATES" SEALED CELL



NO MANIFEST REQUIRED IN ONTARIO - SHIPPED ON BILL OF LADING

PROPER SHIPPING NAME DESCRIPTION:

CANADIAN:

WASTE BATTERIES, WET, NON-SPILLABLE, ELECTRIC STORAGE, 8, UN2800, 112C,

PG III, ERG#154

UNITED STATES: WASTE BATTERIES, WET, NON-SPILLABLE, ELECTRIC STORAGE, 8, UN2800,

D002/D008, PG III, ERG#154

D.O.T.

DESCRIPTION:

BATTERIES, WET, NON-SPILLABLE, ELECTRIC STORAGE, 8, UN2800, PG III, ERG#154

UNIVERSAL WASTE RULE 273: STATES THAT HAVE ADOPTED RULE 273 CAN SHIP USING A BILL OF LADING, REPLACING THE HAZARDOUS WASTE MANIFEST. THE SHIPPING DOCUMENT MUST CONTAIN THE PROPER D.O.T. SHIPPING NAME. SEE APPENDIX A FOR A SUMMARY OF UWR.

P.I.N.: UN2800

CANADIAN WASTE CODE: 112C

CLASSIFICATON: 8

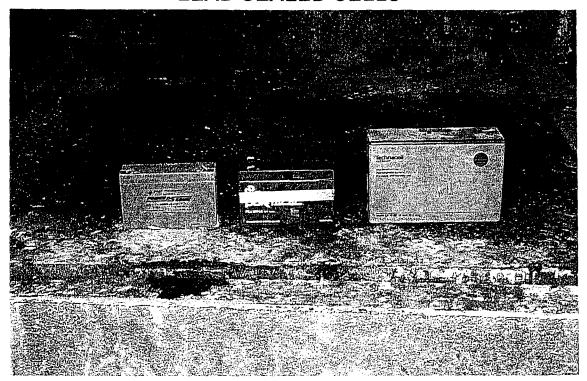
APPROX. WEIGHT (LBS.): 23

UNITED STATES WASTE NO: D002/D008

PACKING GROUP: III

- CORROSIVE PLACARDS REQUIRED.
- TWO CORROSIVE LABELS ARE REQUIRED. ONE EACH ON OPPOSITE ENDS OF THE PACKAGE.
- PALLETIZE FOR SHIPMENT USING PLASTIC "SHRINK WRAP" TO SECURE CELLS ON PALLET.
- IDEALLY, CELLS SHOULD BE PLACED IN THE ORIGINAL CARTON, THEN STACKED NO MORE THAN 5 ROWS HIGH.

LEAD SEALED CELLS



NO MANIFEST REQUIRED IN ONTARIO - SHIPPED ON BILL OF LADING

PROPER SHIPPING NAME DESCRIPTION:

CANADIAN:

WASTE BATTERIES, WET, NON-SPILLABLE, ELECTRIC STORAGE, 8, UN2800, 112C,

PG III, ERG#154

UNITED STATES: WASTE BATTERIES, WET, NON-SPILLABLE, ELECTRIC STORAGE, 8, UN2800,

D002/D008, PG III, ERG#154

D.O.T.

DESCRIPTION:

BATTERIES, WET, NON-SPILLABLE, ELECTRIC STORAGE, 8, UN2800, PG III, ERG#154

UNIVERSAL WASTE RULE 273: STATES THAT HAVE ADOPTED RULE 273 CAN SHIP USING A BILL OF LADING, REPLACING THE HAZARDOUS WASTE MANIFEST. THE SHIPPING DOCUMENT MUST CONTAIN THE PROPER D.O.T. SHIPPING NAME. SEE APPENDIX A FOR A SUMMARY OF UWR.

P.I.N.: UN2800

CANADIAN WASTE CODE: 112C

CLASSIFICATON: 8

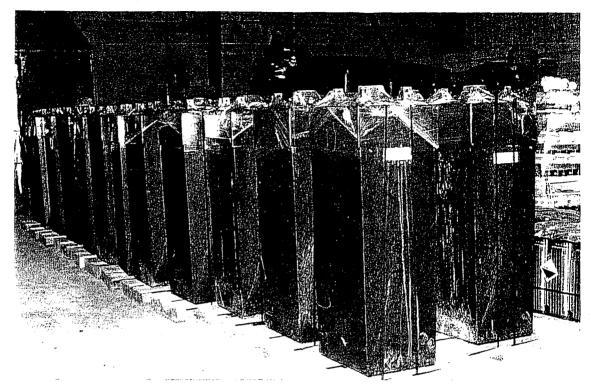
APPROX. WEIGHT (LBS.): 1-15

UNITED STATES WASTE NO: D002/D008

PACKING GROUP: |||

- CORROSIVE PLACARDS REQUIRED.
- TWO CORROSIVE LABELS ARE REQUIRED. ONE EACH ON OPPOSITE ENDS OF THE PACKAGE.
- PALLETIZE FOR SHIPMENT USING PLASTIC "SHRINK WRAP" TO SECURE CELLS ON PALLET.
- USE CARDBOARD BETWEEN ROWS OF CELLS TO ACT AS BOTH SHOCK ABSORBER AND TO ABSORB LIQUID WHICH MAY LEAK FROM CELLS.
- CELLS MAY ALSO BE PLACED IN DRUMS, CARDBOARD BOXES OR WOODEN CRATES AND MUST BE SECURED TO A PALLET USING PLASTIC "SHRINK WRAP".

LEAD ACID "SUBMARINE" OR "07' TANK CELLS



NO MANIFEST REQUIRED IN ONTAIRO - SHIPPED ON BILL OF LADING

PROPER SHIPPING NAME DESCRIPTION:

CANADIAN:

WASTE BATTERIES, WET, FILLED WITH ACID, ELECTRIC STORAGE, 8, UN2794, 112C,

PG III. ERG#154

UNITED STATES: WASTE BATTERIES, WET, FILLED WITH ACID, ELECTRIC STORAGE, 8, UN2794,

D002/D008, PG III, ERG#154

D.O.T.

DESCRIPTION:

BATTERIES, WET, FILLED WITH ACID, ELECTRIC STORAGE, 8, UN2794, PG III, ERG#154

UNIVERSAL WASTE RULE 273: STATES THAT HAVE ADOPTED RULE 273 CAN SHIP USING A BILL OF LADING, REPLACING THE HAZARDOUS WASTE MANIFEST. THE SHIPPING DOCUMENT MUST CONTAIN THE PROPER D.O.T. SHIPPING NAME. SEE APPENDIX A FOR A SUMMARY OF UWR.

P.I.N.: UN2794

CANADIAN WASTE CODE: 112C

CLASSIFICATON: 8

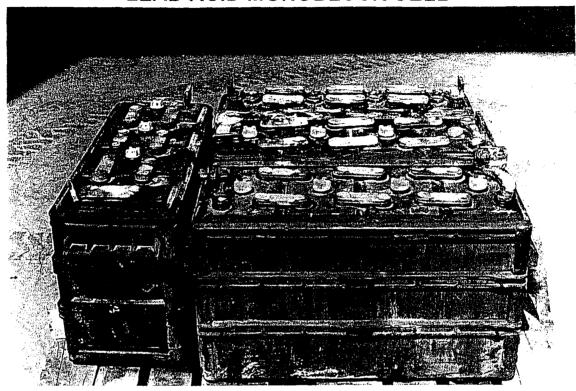
APPROX. WEIGHT (LBS.): 1500

UNITED STATES WASTE NO: D002/D008

PACKING GROUP: |||

- CORROSIVE PLACARDS REQUIRED.
- TWO CORROSIVE LABELS ARE REQUIRED. ONE EACH ON OPPOSITE ENDS OF THE PACKAGE.
- MUST SECURE WELL TO PALLET (TOP HEAVY, NARROW BOTTOM).
- WELL ADVISED TO USE BLOCKING TO PREVENT ANY MOVEMENT DURING TRANSPORT. METAL OR PLASTIC BANDING IS MORE EFFECTIVE THAN "SHRINK WRAP" IN SECURING CELL TO PALLET.
- USE ONE PALLET PER CELL. CELLS ARE TOP HEAVY.
- EXTREME CARE MUST BE TAKEN WHEN LOADING OR UNLOADING.

LEAD ACID MONOBLOCK CELL



NO MANIFEST REQUIRED IN ONTARIO - SHIPPED ON BILL OF LADING

PROPER SHIPPING NAME DESCRIPTION:

CANADIAN:

WASTE BATTERIES, WET, FILLED WITH ACID, ELECTRIC STORAGE, 8, UN2794, 112C,

PG III, ERG#154

UNITED STATES: WASTE BATTERIES, WET, FILLED WITH ACID, ELECTRIC STORAGE, 8, UN2794,

D002/D008, PG III, ERG#154

D.O.T.

DESCRIPTION:

BATTERIES, WET, FILLED WITH ACID, ELECTRIC STORAGE, 8, UN2794, PG III, ERG#154

UNIVERSAL WASTE RULE 273: STATES THAT HAVE ADOPTED RULE 273 CAN SHIP USING A BILL OF LADING, REPLACING THE HAZARDOUS WASTE MANIFEST. THE SHIPPING DOCUMENT MUST CONTAIN THE PROPER D.O.T. SHIPPING NAME. SEE APPENDIX A FOR A SUMMARY OF UWR.

P.I.N.: UN2794

CANADIAN WASTE CODE: 112C

CLASSIFICATON: 8

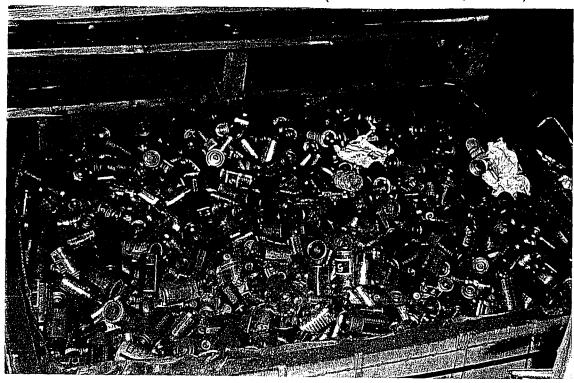
APPROX. WEIGHT (LBS.): 400

UNITED STATES WASTE NO: D002/D008

PACKING GROUP: III

- CORROSIVE PLACARDS REQUIRED.
- TWO CORROSIVE LABELS ARE REQUIRED. ONE EACH ON OPPOSITE ENDS OF THE PACKAGE.
- PALLETIZE FOR SHIPMENT USING PLASTIC "SHRINK WRAP" TO SECURE CELLS ON PALLET.
- USE CARDBOARD BETWEEN ROWS OF CELLS TO ACT AS BOTH SHOCK ABSORBER AND TO ABSORB LIQUID WHICH MAY LEAK FROM CELLS.
- DO NOT STACK THESE CELLS.

ALKALINE SEALED CELL (FLASHLIGHT, ETC.)



NO MANIFEST REQUIRED IN ONTARIO - SHIPPED ON BILL OF LADING

PROPER SHIPPING NAME DESCRIPTION:

CANADIAN:

NON-HAZARDOUS WASTE BATTERIES (ALKALINE SEALED CELL)

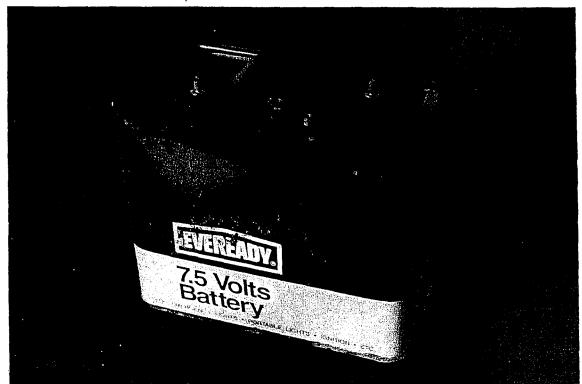
UNITED STATES: NON-HAZARDOUS WASTE BATTERIES (ALKALINE SEALED CELL)

SHIPPED ON A BILL OF LADING.

APPROXIMATE WEIGHT (LBS.): < 1

- DRUMS, CARDBOARD BOXES AND WOODEN CRATES SECURED TO A PALLET WITH PLASTIC "SHRINK WRAP" ARE IDEAL FOR SHIPPING THIS TYPE OF BATTERY.
- DRUMS MUST NOT BE STACKED.
- DO NOT PACK, STORE OR SHIP USED BATTERIES IN TIGHTLY SEALED CONTAINERS. THE SLOW EVOLUTION OF HYDROGEN GAS FROM USED BATTERIES MAY PRODUCE CONTAINER OVER-PRESSURE OR EXPLOSIVE CONDITIONS.

ZINC CHLORIDE, ZINC CARBON LANTERN BATTERY



NO MANIFEST REQUIRED IN ONTARIO - SHIPPED ON BILL OF LADING

PROPER SHIPPING NAME DESCRIPTION:

CANADIAN:

NON-HAZARDOUS WASTE BATTERIES (ZINC CHLORIDE, ZINC CARBON BATTERY)

UNITED STATES: NON-HAZARDOUS WASTE BATTERIES (ZINC CHLORIDE, ZINC CARBON BATTERY)

SHIPPED ON A BILL OF LADING.

APPROX. WEIGHT (LBS.); 3

- DRUMS, CARDBOARD BOXES AND WOODEN CRATES SECURED TO A PALLET WITH PLASTIC "SHRINK WRAP" ARE IDEAL FOR SHIPPING THIS TYPE OF BATTERY.
- DRUMS MUST NOT BE STACKED.
- DO NOT PACK, STORE OR SHIP USED BATTERIES IN TIGHTLY SEALED CONTAINERS. THE SLOW EVOLUTION OF HYDROGEN GAS FROM USED BATTERIES MAY PRODUCE CONTAINER OVER-PRESSURE OR EXPLOSIVE CONDITIONS.

NICKEL CADMIUM SEALED CELL RECHARGEABLE



MANIFEST REQUIRED IN ONTARIO - SHIPPED ON BILL OF LADING

PROPER SHIPPING NAME DESCRIPTION:

CANADIAN:

R.Q. WASTE BATTERIES, DRY, CONTAINING POTASSIUM HYDROXIDE, SOLID, ELECTRIC STORAGE, 8, UN3028, 121C, PG III, ERG#154 (NICKEL CADMIUM)

UNITED STATES: R.Q. WASTE BATTERIES, DRY, CONTAINING POTASSIUM HYDROXIDE, SOLID, ELECTRIC STORAGE, 8, UN3028, D002/D006, PG III, ERG#154 (NICKEL CADMIUM)

D.O.T.

BATTERIES, DRY, CONTAINING POTASSIUM HYDROXIDE, SOLID, ELECTRIC STORAGE,

DESCRIPTION:

UN3028, PG III, ERG#154

UNIVERSAL WASTE RULE 273: STATES THAT HAVE ADOPTED RULE 273 CAN SHIP USING A BILL OF LADING, REPLACING THE HAZARDOUS WASTE MANIFEST. THE SHIPPING DOCUMENT MUST CONTAIN THE PROPER D.O.T. SHIPPING NAME. SEE APPENDIX A FOR A SUMMARY OF UWR.

P.I.N.: UN3028

CANADIAN WASTE CODE: 121C

CLASSIFICATION: 8

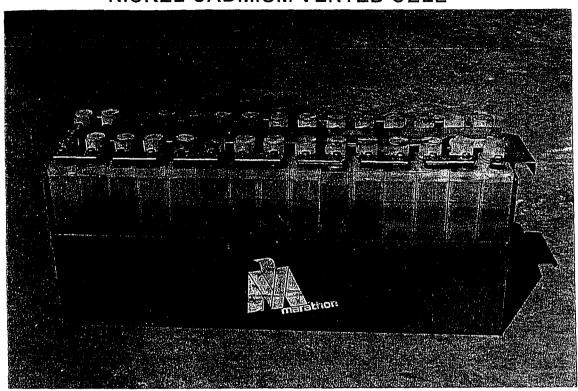
APPROX. WEIGHT (LBS.): <1

UNITED STATES WASTE NO: D002/D006

PACKING GROUP: |||

- CORROSIVE PLACARDS REQUIRED.
- TWO CORROSIVE LABELS ARE REQUIRED. ONE EACH ON OPPOSITE ENDS OF THE PACKAGE.
- HAZARDOUS WASTE LABEL OR UNIVERSAL WASTE LABEL IS REQUIRED ON EACH PACKAGE FOR TRANSPORT IN THE U.S.A.
- DRUMS. CARDBOARD BOXES AND WOODEN CRATES SECURED TO A PALLET WITH PLASTIC "SHRINK WRAP" ARE IDEAL FOR SHIPPING THIS TYPE OF BATTERY.
- DRUMS OR CRATES MUST NOT BE STACKED.

NICKEL CADMIUM VENTED CELL



MANIFEST REQUIRED IN ONTARIO - SHIPPED ON BILL OF LADING

PROPER SHIPPING NAME DESCRIPTION:

CANADIAN:

R.Q. WASTE BATTERIES, WET, FILLED WITH ALKALI, ELECTRIC STORAGE, 8, UN2795,

121C, PG III, ERG#154 (NICKEL CADMIUM)

UNITED STATES: R.Q. WASTE BATTERIES, WET, FILLED WITH ALKALI, ELECTRIC STORAGE, 8, UN2795.

D002/D006, PG III, ERG#154 (NICKEL CADMIUM)

D.O.T.

BATTERIES, WET, FILLED WITH ALKALI, ELECTRIC STORAGE, 8, UN2795, PG III.

DESCRIPTION:

ERG#154 (NICKEL CADMIUM)

UNIVERSAL WASTE RULE 273: STATES THAT HAVE ADOPTED RULE 273 CAN SHIP USING A BILL OF LADING, REPLACING THE HAZARDOUS WASTE MANIFEST. THE SHIPPING DOCUMENT MUST CONTAIN THE PROPER D.O.T. SHIPPING NAME. SEE APPENDIX A FOR A SUMMARY OF UWR.

P.I.N.: UN2795

CANADIAN WASTE CODE: 121C

CLASSIFICATON: 8

APPROX. WEIGHT (LBS.): 2-70

UNITED STATES WASTE NO: D002/D006

PACKING GROUP: III

- CORROSIVE PLACARDS REQUIRED.
- TWO CORROSIVE LABELS ARE REQUIRED. ONE EACH ON OPPOSITE ENDS OF THE PACKAGE.
- HAZARDOUS WASTE LABEL OR UNIVERSAL WASTE LABEL IS REQUIRED ON EACH PACKAGE FOR TRANSPORT IN THE U.S.A.
- PALLETIZE FOR SHIPMENT USING PLASTIC "SHRINK WRAP" TO SECURE CELLS ON PALLET. USE CARDBOARD BETWEEN ROWS OF CELLS ON PALLET TO ACT AS BOTH SHOCK ABSORBER AND TO ABSORB LIQUID WHICH MAY LEAK FROM CELLS.
- DO NOT STACK THESE CELLS MORE THAN THREE ROWS HIGH.

AIR DEPOLARIZED ZINC (NON-TOXIC)



MANIFEST REQUIRED IN ONTARIO - SHIPPED ON BILL OF LADING

PROPER SHIPPING NAME DESCRIPTION:

CANADIAN:

R.Q. WASTE BATTERIES, WET, FILLED WITH ALKALI, ELECTRIC STORAGE, 8, UN2795,

121C, PG III, ERG#154 (AIR DEPOLARIZED ZINC, NON-TOXIC)

UNITED STATES: R.Q. WASTE BATTERIES, WET, FILLED WITH ALKALI, ELECTRIC STORAGE, 8, UN2795,

D002, PG III, ERG#154 (AIR DEPOLARIZED ZINC, NON-TOXIC)

D.O.T.

BATTERIES, WET, FILLED WITH ALKALI, ELECTRIC STORAGE, 8, UN2795, PG III,

DESCRIPTION:

ERG#154 (AIR DEPOLARIZED ZINC - NON TOXIC)

UNIVERSAL WASTE RULE 273: STATES THAT HAVE ADOPTED RULE 273 CAN SHIP USING A BILL OF LADING, REPLACING THE HAZARDOUS WASTE MANIFEST. THE SHIPPING DOCUMENT MUST CONTAIN THE PROPER D.O.T. SHIPPING NAME. SEE APPENDIX A FOR A SUMMARY OF UWR.

P.I.N.: UN2795

CANADIAN WASTE CODE: 121C

CLASSIFICATON: 8

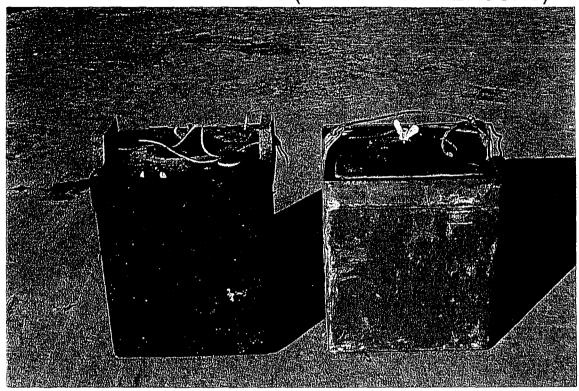
APPROX. WEIGHT (LBS.): 35

UNITED STATES WASTE NO: D002

PACKING GROUP: |||

- CORROSIVE PLACARDS REQUIRED.
- TWO CORROSIVE LABELS ARE REQUIRED. ONE EACH ON OPPOSITE ENDS OF THE PACKAGE.
- HAZARDOUS WASTE LABEL OR UNIVERSAL WASTE LABEL IS REQUIRED ON EACH PACKAGE FOR TRANSPORT IN THE U.S.A.
- PALLETIZE FOR SHIPMENT USING PLASTIC "SHRINK WRAP" TO SECURE CELLS ON PALLET.
- USE CARDBOARD BETWEEN ROWS OF CELLS TO ACT AS BOTH SHOCK ABSORBER AND TO ABSORB LIQUID WHICH MAY LEAK FROM CELLS.
- DO NOT STACK CELLS MORE THAN THREE ROWS HIGH. BATTERY IDENTIFICATION: GREEN TOP

AIR DEPOLARIZED ZINC (TOXIC WITH MERCURY)



MANIFEST REQUIRED IN ONTARIO - SHIPPED ON BILL OF LADING

PROPER SHIPPING NAME DESCRIPTION:

CANADIAN:

R.Q. WASTE BATTERIES, WET, FILLED WITH ALKALI, ELECTRIC STORAGE, 8, UN2795,

121C, PG III, ERG#154 (AIR DEPOLARIZED ZINC - TOXIC)

UNITED STATES: R.Q. WASTE BATTERIES, WET, FILLED WITH ALKALI, ELECTRIC STORAGE, 8, UN2795,

D002/D009, PG III, ERG#154 (AIR DEPOLARIZED ZINC - TOXIC)

D.O.T.

BATTERIES, WET, FILLED WITH ALKALI, ELECTRIC STORAGE, 8, UN2795, PG III,

DESCRIPTION:

ERG#154 (AIR DEPOLARIZED ZINC - TOXIC)

UNIVERSAL WASTE RULE 273: STATES THAT HAVE ADOPTED RULE 273 CAN SHIP USING A BILL OF LADING, REPLACING THE HAZARDOUS WASTE MANIFEST. THE SHIPPING DOCUMENT MUST CONTAIN THE

P.I.N.: UN2795

CANADIAN WASTE CODE: 121C

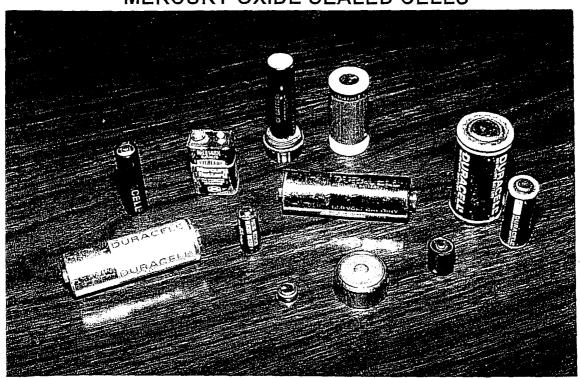
CLASSIFICATION: 8

35

D002/D009

- CORROSIVE PLACARDS REQUIRED.
- TWO CORROSIVE LABELS ARE REQUIRED. ONE EACH ON OPPOSITE ENDS OF THE PACKAGE.
- HAZARDOUS WASTE LABEL OR UNIVERSAL WASTE LABEL IS REQUIRED ON EACH PACKAGE FOR TRANSPORT IN THE U.S.A.
- PALLETIZE FOR SHIPMENT USING PLASTIC "SHRINK WRAP" TO SECURE CELLS ON PALLET.
- USE CARDBOARD BETWEEN ROWS OF CELLS TO ACT AS BOTH SHOCK ABSORBER AND TO ABSORB LIQUID WHICH MAY LEAK FROM CELLS. DO NOT STACK CELLS MORE THAN THREE ROWS HIGH.
- BATTERY IDENTIFICATION: GREY POLYPROPYLENE CASE OR BLACK EBONITE CASE WITH BLACK

MERCURY OXIDE SEALED CELLS



MANIFEST REQUIRED IN ONTARIO - SHIPPED ON BILL OF LADING

PROPER SHIPPING NAME DESCRIPTION:

CANADIAN:

R.Q. WASTE MERCURY CONTAINED IN MANUFACTURED ARTICLE, 8, UN2809, 121C,

PG I, ERG#172 (MERCURIC OXIDE CELLS).

UNITED STATES: R.Q. WASTE MERCURY CONTAINED IN MANUFACTURED ARTICLE, 8, UN2809,

D002/D009, PG I, ERG#172, (MERCURIC OXIDE CELLS).

D.O.T.

MERCURY CONTAINED IN MANUFACTURED ARTICLE, 8, UN2809, PG I, ERG#172

DESCRIPTION:

(MERCURIC OXIDE CELLS)

UNIVERSAL WASTE RULE 273: STATES THAT HAVE ADOPTED RULE 273 CAN SHIP USING A BILL OF LADING, REPLACING THE HAZARDOUS WASTE MANIFEST. THE SHIPPING DOCUMENT MUST CONTAIN THE PROPER D.O.T. SHIPPING NAME. SEE APPENDIX A FOR A SUMMARY OF UWR.

P.I.N.: UN2809

CANADIAN WASTE CODE: 121C

CLASSIFICATON: 8

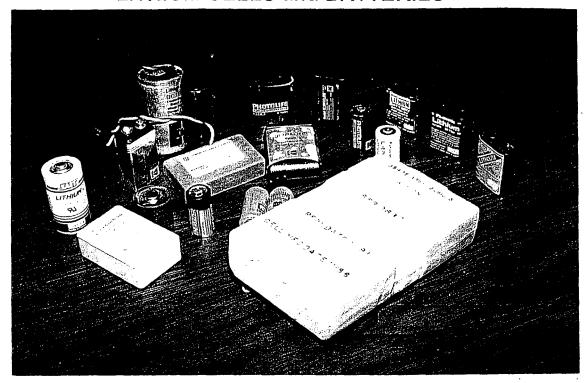
APPROX. WEIGHT (LBS.): <1

UNITED STATES WASTE NO: D002/D009

PACKING GROUP: |

- POISONOUS PLACARDS REQUIRED. TWO POISONOUS LABELS ARE REQUIRED. ONE EACH ON OPPOSITE ENDS OF THE PACKAGE. HAZARDOUS WASTE LABEL OR UNIVERSAL WASTE LABEL IS REQUIRED ON EACH PACKAGE FOR TRANSPORT IN THE U.S.A.
- DRUMS, CARDBOARD BOXES AND WOODEN CRATES SECURED TO A PALLET WITH PLASTIC "SHRINK WRAP" ARE IDEAL FOR SHIPPING THIS TYPE OF BATTERY. DO NOT PACKAGE, STORE OR SHIP USED BATTERIES IN TIGHTLY SEALED CONTAINERS. THE SLOW EVOLUTION OF HYDROGEN GAS FROM USED BATTERIES MAY PRODUCE OVER-PRESSURE OR EXPLOSIVE CONDITIONS. STORE IN A DRY PLACE. DO NOT RECHARGE. DO NOT STORE UNPACKAGED CELLS TOGETHER WHERE CONTACTS CAN TOUCH. THIS SITUATION COULD RESULT IN CELL SHORTING AND HEAT BUILD UP.

LITHIUM CELLS and BATTERIES



MANIFEST REQUIRED IN ONTARIO - SHIPPED ON BILL OF LADING

PROPER SHIPPING NAME DESCRIPTION:

CANADIAN:

R.Q. WASTE LITHIUM BATTERIES, 9.1, UN3090, 121R, PG II, ERG#138

UNITED STATES: R.Q. WASTE LITHIUM BATTERIES, 9.1, UN3090, D003, PG II, ERG#138

D.O.T.

LITHIUM BATTERIES, 9.1, UN3090, PG II, ERG#138

DESCRIPTION:

UNIVERSAL WASTE RULE 273: STATES THAT HAVE ADOPTED RULE 273 CAN SHIP USING A BILL OF LADING, REPLACING THE HAZARDOUS WASTE MANIFEST. THE SHIPPING DOCUMENT MUST CONTAIN THE PROPER D.O.T. SHIPPING NAME. SEE APPENDIX A FOR A SUMMARY OF UWR.

P.I.N.: UN3090

CANADIAN WASTE CODE: 121R

CLASSIFICATON: 9.1 PACKING GROUP: ||

APPROX. WEIGHT (LBS.): <1-20 UNITED STATES WASTE NO: D003

PACKAGING & LABELLING INSTRUCTIONS:

- REACTIVE PLACARDS REQUIRED.
- TWO REACTIVE LABELS ARE REQUIRED. ONE EACH ON OPPOSITE ENDS OF THE PACKAGE.
- HAZARDOUS WASTE LABEL OR UNIVERSAL WASTE LABEL IS REQUIRED ON EACH PACKAGE FOR TRANSPORT IN THE U.S.A.
- DRUMS, CARDBOARD BOXES AND WOODEN CRATES SECURED TO A PALLET WITH PLASTIC "SHRINK WRAP" ARE IDEAL FOR SHIPPING THIS TYPE OF BATTERY.
- DRUMS AND CRATES MUST NOT BE STACKED.

CONTINUED...

LITHIUM CELLS and BATTERIES...CONTINUED

- CONTAINER PREPARATION SHOULD BE CONSIDERED BEFORE THE PACKAGING OF ANY DRUM. A
 TWO TO THREE INCH LAYER OF PACKING MATERIAL SHOULD BE PLACED IN THE BOTTOM OF THE
 DRUM.
- CELLS SHOULD NEVER BE TOUCHING THE BOTTOM, TOP OR SIDES OF A DRUM, NOR SHOULD THEY
 BE IN CONTACT WITH ONE ANOTHER, UNLESS TERMINALS ARE TAPED.
- LITHIUM CELLS OR BATTERIES ARE VERY HIGH ENERGY POWER SOURCES AND THEREFORE MUST BE HANDLED WITH CARE.
- STORE IN ORIGINAL SHIPPING CONTAINERS.
- DO NOT PLACE CELLS ON METAL SURFACES BECAUSE CELLS WILL SHORT CIRCUIT.
- CELLS AND BATTERIES SHOULD BE STORED IN A COOL, WELL VENTILATED AREA. MAXIMUM STOR-AGE TEMPERATURE SHOULD NOT EXCEED 85° CELSIUS (185°F).
- IF THEY ARE SHORT CIRCUITED OR HEAT UP, MOVE OUTDOORS OR TO A WELL VENTILATED AREA AND ALLOW TO COOL DOWN. TONGS OR OTHER DEVICES SHOULD BE USED FOR HANDLING.
- UNDER NO CIRCUMSTANCES SHOULD LITHIUM CELLS AND/OR BATTERIES BE CHARGED. CHARGING LITHIUM CELLS OR BATTERIES WILL RESULT IN EXPLOSION.
- LITHIUM CELLS AND BATTERIES HAVE PRESSURIZED CONTENTS. NEVER PLACE CELLS OR BATTERIES IN COMPLETELY SEALED CONTAINERS. CONTAINER MUST HAVE A PRESSURE RELIEF MECHANISM WHICH WILL PREVENT EXCESSIVE PRESSURE BUILD-UP IN THE EVENT THAT CONTAINER IS EXPOSED TO HIGH TEMPERATURE OR CELLS AND BATTERIES ARE ABUSED.
- DO NOT OPEN, CRUSH OR PUNCTURE CELLS AND BATTERIES.