

EVEREADY BATTERY CO INC -- URT33BA, ENERGIZER E2, INDUSTRIAL ZMA, HERCULES, (SEE SUPPL) -- 6135-01-050-3193

===== Product Identification =====

Product ID:URT33BA, ENERGIZER E2, INDUSTRIAL ZMA, HERCULES, (SEE SUPPL)

MSDS Date:11/09/2000

FSC:6135

NIIN:01-050-3193

Status Code:A

MSDS Number: CLFSF

=== Responsible Party ===

Company Name:EVEREADY BATTERY CO INC

Address:25225 DETROIT ROAD

City:WESTLAKE

State:OH

ZIP:44145

Country:US

Info Phone Num:440-835-7368

Emergency Phone Num:440-835-7368

CAGE:66571

=== Contractor Identification ===

Company Name:EVEREADY BATTERY CO INC

Address:25225 DETROIT ROAD

Box:City:WESTLAKE

State:OH

ZIP:44145

Country:US

Phone:440-835-7368

CAGE:66571

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

Address:7 OLD DOCK RD

Box:City:YAPHANK

State:NY

ZIP:11980

Country:US

Phone:631-205-1061FX:631-205-1072

Contract Num:SP0430-00-C-5537

CAGE:0BSY9

===== C

Composition/Information on Ingredients =====

Ingred Name:GRAPHITE

CAS:7782-42-5

RTECS #:MD9659600

Minumum % Wt:2.

Maxumum % Wt:6.

Other REC Limits:5 MG/M3 R D OSHA

OSHA PEL:15 MG/M3 T DUST

ACGIH TLV:2 MG/M3 R DUST

Ingred Name:MANGANESE DIOXIDE

CAS:1313-13-9

RTECS #:OP0350000

Minumum % Wt:30.

Maxumum % Wt:45.

OSHA PEL:C 5 MG (MN)/M3

ACGIH TLV:0.2 MG(MN)/M3

Ingred Name:POTASSIUM HYDROXIDE

CAS:1310-58-3

RTECS #:TT2100000

Minumum % Wt:4.

Maxumum % Wt:8.

ACGIH STEL:C 2 MG/M3

EPA Rpt Qty:10

00 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ZINC

CAS:7440-66-6

RTECS #:ZG8600000

Minumum % Wt:12.

Maxumum % Wt:25.

OSHA PEL:RF 5 MG/M3 R DUST

ACGIH TLV:RF 3 MG/M3 R DUST

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

===== Hazards Identification =====

Health Hazards Acute and Chronic:UNDER NORMAL CONDITIONS OF USE, THE BATTERY IS HERMETICALLY SEALED. INGESTION: SWALLOWING A BATTERY CAN BE HARMFUL. CONTENTS OF AN OPEN BATTERY CAN CAUSE SERIOUS CHEMICAL BURN

S OF MOUTH, ESOPHAGUS, AND GASTROINTESTINAL TRACT. INHALATION: CONTENTS OF AN OPEN BATTERY CAN CAUSE RESPIRATORY IRRITATION. SKIN CONTACT: CONTENTS OF AN OPEN BATTERY CAN CAUSE SKIN IRRITATION AND / OR CHEMICAL BURNS. EYE CONTACT: CONTENTS OF AN OPEN BATTERY CAN CAUSE SEVERE IRRITATION AND CHEMICAL BURNS.

Effects of Overexposure: CONTENTS OF AN OPEN BATTERY CAN CAUSE SERIOUS CHEMICAL BURNS OF MOUTH, ESOPHAGUS, AND GASTROINTESTINAL TRACT, RESPIRATORY IRRITATION, SKIN AND EYE IRRITATION AND BURNS.

===== First Aid Measures =====

First Aid: INGESTION: IF BATTERY OR OPEN BATTERY IS INGESTED, DO NOT INDUCE VOMITING OR GIVE FOOD OR DRINK. SEEK MEDICAL ATTENTION IMMEDIATELY. CALL NATIONAL BATTERY INGESTION HOTLINE FOR ADVICE AND FOLLOW-UP (202-625-3333) COLLECT, DAY OR NIGHT. INHALATION: MOVE TO FRESH AIR, SEEK MEDICAL HELP. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING, WASH SKIN WITH SOAP AND WATER. IF A CHEMICAL BURN OCCURS OR IRRITATION PERSISTS, SEEK MEDICAL HELP. EYE CONTACT: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, LIFTING EYELIDS. SEEK MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Extinguishing Media: IT IS PERMISSIBLE TO USE ANY CLASS OF EXTINGUISHING MEDIUM ON THESE BATTERIES OR THEIR PACKING MATERIAL. COOL EXTERIOR OF BATTERIES IF EXPOSED TO FIRE TO PREVENT RUPTURE.

Fire Fighting Procedures: FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.

===== Handling and Storage =====

Handling and Storage Precautions: STORAGE: STORE IN COOL, WELL VENTILATED AREA. ELEVATED TEMPERATURES CAN RESULT IN SHORTENED BATTERY LIFE. HANDLING: ACCIDENTAL SHORT CIRCUIT FOR A FEW SECONDS WILL NOT SERIOUSLY AFFECT BATTERY. PROLONGED SHORT CIRCUIT WILL CAUSE BATTERY TO LOSE ENERGY AND CAN CAUSE SAFETY RELEASE VENT TO OPEN.

Other Precautions: SOURCES OF SHORT CIRCUITS INCLUDE

E BATTERIES IN BULK

CONTAINERS, METAL JEWELRY, METAL COVERED TABLES OR METAL BELTS USED FOR ASSEMBLY INTO DEVICES. BATTERY IS MANUFACTURED IN CHARGED STATE AND NOT DESI GNE D FOR RECHARGING, RECHARGING CAN CAUSE LEAKAGE, HIGH PRESSURE RUPTURE. CHARGING CAN OCCUR IF INST ALLED BACKWARDS.

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Exposure Controls/Personal Protection
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Respiratory Protection:NOT NECESSARY UNDER NORMAL CONDITIONS.

Ventilation:NOT NECESSARY UNDER NORMAL CONDITIONS.

Protective Glo

ves:NOT NECESSARY UNDER NORMAL CONDITIONS. USE NEOPRENE OR NATURAL RUBBER

Eye Protection:NOT NECESSARY NORMALLY. SAFETY GLASSES WITH SIDE SHIELDS IF HANDLING OPEN UNITS

Supplemental Safety and Health

LYNTRONICS P/N: 7747390-10. THIS IS THE SAME BATTERY AS P/N URT 33 BA.

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Physical/Chemical Properties
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HCC:Z7

Appearance and Odor:8 VOLT RECTANGULAR NON-RECHARGEABLE BATTERY.

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Disposal Considerations
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Waste Di

sposal Methods:DISPOSE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. APPROPRIATE DISPOSAL TECHNOLOGIES INCLUDE INCINERATION AND LANDFILLING.

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MSDS Transport Information
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Transport Information:THE TRANSPORTATION OF DRY CELL BATTERIES MANUFACTURED BY EVEREADY BATTERY COMPANY IS NOT REGULATED BY THE U.S. DEPARTMENT OF TRANSPORTATION OR THE MAJOR INTERNATIONAL REGULATORY BODIES.

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Regulatory
Information
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SARA Title III Information:AS AN ARTICLE, THIS BATTERY AND ITS CONTENTS ARE NOT SUBJECT TO THE REQUIREMENT OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT.

State Regulatory Information:(CONTD FROM "OTHER INFO") YOUR EVEREADY REPRESENTATIVE FOR PRECAUTIONARY SUGGESTIONS. BATTERIES NORMALLY EVOLVE HYDROGEN WHICH, WHEN COMBINED WITH OXYGEN FROM AIR, CAN PRODUCE COMBUSTIBLE OR EXPLOSIVE MIXTURE UNLESS VENTED. IF SUCH A MIXTURE I

S PRESENT, SHORT CIRCUITS, HIGH TEMPERATURE, OR STATIC SPARKS CAN CAUSE AN IGNITION. DO NOT OBSTRUCT SAFETY VENTS ON BATTERIES. ENCAPSULATION (POTTING) OF BATTERIES WILL NOT ALLOW CELL VENTING AND CAN CAUSE HIGH PRESSURE RUPTURE. IF SOLDERING OR WELDING TO BATTERY IS REQUIRED, CONSULT YOUR EVEREADY REPRESENTATIVE FOR PRECAUTIONS TO PREVENT SEAL DAMAGE OR SHORT CIRCUIT.

===== Other Information =====

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