

EVEREADY BATTERY INC -- ENERGIZER, ENERGIZER E2, INDUSTRIAL ZMA; HERC

MSDS Safety Information

FSC: 6135
NIIN: 00-973-5632
MSDS Date: 11/09/2000
MSDS Num: CLFLW
Product ID: ENERGIZER, ENERGIZER E2, INDUSTRIAL ZMA; HERCULES
MFN: 01
Article: Y
Responsible Party
Cage: 66571
Name: EVEREADY BATTERY CO INC
Address: 25225 DETROIT ROAD
City: WESTLAKE OH 44145
Info Phone Number: 440-835-7368
Emergency Phone Number: 440-835-7368
Review Ind: Y
Published: Y

Contractor Summary

Cage: 66571
Name: EVEREADY BATTERY CO INC
Address: 25225 DETROIT ROAD
City: WESTLAKE OH 44145
Phone: 440-835-7368
Cage: 0W4G0
Name: NORTHEAST TEXAS IND.
Address: UNKNOWN
Box: UNKNOWN
City: UNKNOWN NK 00000
Phone: UNKNOWN
Contract Number: SP0400-01-A-AE56/0011

Item Description Information

Item Manager: S9G
Item Name: BATTERY,NONRECHARGEABLE
Unit of Issue: EA
UI Container Qty: 1

Regulated Components

Regulated Component Name: MANGANESE DIOXIDE
CAS: 1313-13-9
Percent Text: 30-45
Regulated Component Name: GRAPHITE
CAS: 7782-42-5
Percent Text: 2-6
Regulated Component Nam

e: POTASSIUM HYDROXIDE
CAS: 1310-58-3
Percent Text: 4-8
Regulated Component Name: ZINC
CAS: 7440-66-6
Percent Text: 12-25

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Health Hazards Data

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Effects of Exposure: INGESTION: SWALLOWING A BATTERY CAN BE HARMFUL. CONTENTS OF AN OPEN BATTERY CAN CAUSE SERIOUS CHEMICAL BURNS OF THE MOUTH, ESOPHAGUS, 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.

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 & FOLLOW-UP (202 -625-333 COLLECT) FOR ADVICE & FOLLOW-UP, DAY OR NIGHT. INHALATION: PROVIDE FRESH AIR & SEEK MEDICAL ATTENTION. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING & WASH SKIN WITH SOAP & WATER. IF A CHEMICAL BURN OCCURS OR IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. EYE CONTACT: IMMEDIATELY FLUSH EYES THOROUGHLY WITH WATER FOR 15 MINS, LIFTING UPPER & LOWER LIDS, UNTIL NO EVIDENCE OF THE CHEMICAL REMAINS. SEEK MEDICAL ATTENTION.

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Handling and Disposal

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

Handling And Storage Precautions: STORAGE: STORE IN A COOL, WELL VENTILATED AREA. ELEVATED TEMPERATURES CAN RESULT IN SHORTENED BATTERY LIFE. HANDLING: ACCIDENTAL SHORT CIRCUIT FOR A FEW SECONDS WILL NOT SERIOUSLY AFFECT THE BATTERY.

Other Precautions: HANDLING: PROLONGED SHORT CIRCUIT WILL CAUSE THE BATTERY TO LOSE ENERGY, & CAUSE THE SAFETY RELEASE VENT TO OPEN. SOURCES OF SHORT CIRCUIT INCLUDE JUMBLED BATTERIES IN BULK CONTAINERS, METAL JEWELRY, METAL COVERED TABLES OR METAL BELTS USED FOR ASSEMBLY OF BATTERIES INTO DEVICES.

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Fire and Explosion Hazard Information

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Extinguishing Media: IN CASE OF FIRE, IT IS PERMISSIBLE TO USE ANY CLASS OF EXTINGUISHING MEDIUM ON THE

SE BATTERIES OR THEIR PACKING MATERIAL.
Fire Fighting Procedures: FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard: COOL EXTERIOR OF BATTERIES IF EXPOSED TO FIRE TO PREVENT RUPTURE.

Control Measures

Respiratory Protection: NOT NECESSARY UNDER NORMAL CONDITIONS.
Ventilation: NOT NECESSARY UNDER NORMAL CONDITIONS.
Protective Gloves: NOT NECESSARY UNDER NORMAL CONDITIONS.
Eye Protection: NOT NECESSARY UNDER NORMAL CONDITIONS.
Other Protective Equipment: WEAR SAFETY GLASSES WITH SIDE SHIELDS IF HANDLING AN OPEN OR LEAKING BATTERY. USE NEOPRENE OR NATURAL RUBBER GLOVES IF HANDLING AN OPEN OR LEAKING BATTERY.
Supplemental Safety and Health: HANDLING: SOLDERING OR WELDING THE BATTERY IS REQUIRED, CONSULT EVEREADY BATTERY COMPANY REPRESENTATIVE FOR PROPER PRECAUTIONS TO PREVENT SEAL DAMAGE OR SHORT CIRCUIT.

Physical/Chemical Properties

HCC: Z7

Reactivity Data

Toxicological Information

Ecological Information

MSDS Transport Information

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

Regulatory Information

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

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Other Information

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Other Information: CHARGING: THIS BATTERY IS MANUFACTURED IN A CHARGED STATE. IT IS NOT DESIGNED TO RECHARGING. RECHARGING CAN CAUSE BATTERY LEAKAGE OR, IN SOME CASES, HIGH PRESSURE RUPTURE. INADVERTENT CHARGING CAN OCCUR IF A BATTERY IS INSTALLED BACKWARDS. MECHANICAL CONTAINMENT: IF POTTING OR SEALING THE BATTERY IN AN AIRTIGHT OR WATERTIGHT CONTAINER IS REQUIRED, CONSULT YOUR EVEREADY BATTERY COMPANY FOR PRECAUTIONARY SUGGESTIONS. BATTERIES NORMALLY EVOLVE HYDROGEN WHICH, WHEN COMBINED WITH OXYGEN FROM THE AIR, CAN PRODUCE A COMBUSTIBLE OR EXPLOSIVE MIXTURE UNLESS VENTED.

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Transportation Information

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Responsible Party Code: 66571
Trans ID NO: 157567
Product ID: ENERGIZER, ENERGIZER E2, INDUSTRIAL ZMA; HERCULES
MSDS Prepared Date: 11/09/2000
Review Date: 06/20/2001
MFN: 1
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: EA
Container QTY: 1

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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: ENERGIZER, ENERGIZER E2, INDUSTRIAL ZMA; HERCULES

Cage: 66571

Company Name: EVEREADY BATTERY CO INC

Street: 25225 DETROIT ROAD

City: WESTLAK

E OH

Zipcode: 44145

Health Emergency Phone: 440-835-7368

Label Required IND: Y

Date Of Label Review: 06/20/2001

Status Code: A

Origination Code: F

Eye Protection IND: NO

Skin Protection IND: NO

Signal Word: NONE

Respiratory Protection IND: NO

Health Hazard: None

Contact Hazard: None

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: WARNING: DO NOT INSTALL BACKWARDS, CHARGE, PUT IN FIRE,
OR MIX WITH OTHER BATTERY TYPES. MAY EXPLODE OR LEAK CAUSING INJURY. REPLACE
ALL BATTERIES

AT THE SAME TIME. KEEP AWAY FROM SMALL CHILDREN. IF SWALLOWED,
PROMPTLY SEE DOCTOR, HAVE DOCTOR PHONE 202-625-3333 COLLECT.

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information is formulated for use by elements of the Department of Defense.
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of Defense or other government situation.