

EVEREADY BATTERY CO INC -- E-4 MERCURY OXIDE-ZINC -- 6135-00-816-9052

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Product Identification
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Product ID:E-4 MERCURY OXIDE-ZINC

MSDS Date:03/19/1991

FSC:6135

NIIN:00-816-9052

MSDS Number: BQDMC

=== Responsible Party ===

Company Name:EVEREADY BATTERY CO INC

Address:CHECKERBOARD SQ

City:ST LOUIS

State:MO

ZIP:63164

Country:US

Info Phone Num:216-837-7368

Emergency Phone Num:216-835-7368/31

4-982-2000

Preparer's Name:H.R. ERSKINE

CAGE:83740

=== Contractor Identification ===

Company Name:EVEREADY BATTERY CO INC

Address:CHECKERBOARD SQ

Box:City:ST LOUIS

State:MO

ZIP:63164

Country:US

Phone:216-835-7368

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Composition/Information on Ingredients
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Ingred Name:MANGANESE DIOXIDE

CAS:1313-13-9

RTECS #:OP0350000

Fraction by Wt: 0-15%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3 CEILING

ACGIH TLV:5 MG/M3 (AS MN DUST)

Ingred Name:MERCURY (SARA III)

CAS:7439-97-6
RTECS #:OV4550000
Fraction by Wt: 0.3-1.5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:S, C, 0.1 MG/M3
ACGIH TLV:S, 0.05 MG/M3; 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:MERCURIC OXIDE (SARA III)
CAS:21908-53-2
RTECS #:OW8750000
Fraction by Wt: 20-50%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.1 MG HG/M3;SKIN;C
ACGIH TLV:0.1 MG HG/M3; 9293

Ingred Name:POTASSIUM HYDROXIDE (SARA III)
CAS:1310-58-3
RTECS #:TT2100000
Fraction by Wt: 0-6%
Other REC Limits:NONE SPECIFIED
OSHA P
EL:C, 2 MG/M3
ACGIH TLV:C 2 MG/M3; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM HYDROXIDE (SARA III)
CAS:1310-73-2
RTECS #:WB4900000
Fraction by Wt: 0-6%
Other REC Limits:NONE SPECIFIED
OSHA PEL:2 MG/M3
ACGIH TLV:C 2 MG/M3; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ZINC (SARA III)
CAS:7440-66-6
RTECS #:ZG8600000
Fraction by Wt: 5-15%
Other REC Limits:NONE SPECIFIED
OSHA PEL:10 MG ZNO/M3
ACGIH TLV:10 MG ZNO/M3; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 L

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===== Hazards Identification =====
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Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:HEALTH HAZARDS: BATTERY IS AN ARTICLE.
NO HEALTH HAZARD IN NORMAL USE. CONTENTS OF AN OPENED BATTERY CAN
CAUSE SERIOUS HEALTH PROBLEMS, IRRITATION AND CENTRAL NERVOUS
SYSTEM EFFECTS.
Explanation of Carcinogenicity:NONE OF THE INGREDIENTS IN THIS PRODUCT
IS LISTED BY NTP,
IARC OR OSHA AS A CARCINOGEN.
Effects of Overexposure:NO OVEREXPOSURE UNDER NORMAL CONDITIONS OF USE.
BATTERY IS HERMETICALLY SEALED.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====
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First Aid:EYES:FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.IF
IRRITATION PERSISTS,SEE DOCTOR. SKIN:WASH WITH SOAP AND WATER WHILE
REMOVING CONTAMINATED CLOTHING AND SHOES.SEE DOCTOR. INHALATION:
REMOVE V
ICTIM TO FRESH AIR.GIVE OXYGEN/CPR IF NEEDED.SEE DOCTOR.
INGESTION: DO NOT INDUCE VOMIT.SEE DOCTOR IMMEDIATELY.CALL BATTERY
INGESTION HOT LINE 202-625-3333.

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===== Fire Fighting Measures =====
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Extinguishing Media:NON-FLAMMABLE. USE EXTINGUISHING MEDIA APPROPRIATE
FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER S
PRAY TO PREVENT RUPTURE.
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS SUCH AS MERCURY VAPORS.

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===== Handling and Storage =====
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Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED
AREA. ELEVATED TEMPERATURES CAN RESULT IN SHORTENED BATTERY LIFE.
Other Precautions:DO NOT SEAL THE BATTERY IN AN AIRTIGHT OR WATERTIGHT
CONTAINER. BATTERIES EVOLVE HYDROGEN AND CAN FORM

AND EXPLOSIVE

MIXTURE WITH AIR. DO NOT OBSTRUCT SAFETY RELEASE VENTS ON BATTERIES.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:NOT NECESSARY UNDER NORMAL CONDITIONS.

Ventilation:NO SPECIAL REQUIREMENT.

Protective Gloves:NOT NECESSARY UNDER NORMAL CONDITIONS.

Eye Protection:NOT NECESSARY UNDER NORMAL CONDITIONS.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Sa

fety and Health

MANUFACTURER STATES ON MSDS THAT ITEM IS ARTICLE; MSDS FOR INFORMATION ONLY.

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===== Physical/Chemical Properties =====

HCC:N1

Appearance and Odor:CYLINDRICAL 1.35 VOLTS BATTERY 1.19 IN DIA X 0.66 IN LONG.

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES.

Hazardous Decomposition Products:MERCURY VAPORS.

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===== Disposal Considerations =====

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.

DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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