

EVEREADY BATTERY CO INC -- EVEREADY BATTERY (D) -- 6135-00-835-7210

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

Product ID:EVEREADY BATTERY (D)

MSDS Date:11/01/1986

FSC:6135

NIIN:00-835-7210

MSDS Number: BMQGX

=== Responsible Party ===

Company Name:EVEREADY BATTERY CO INC

Address:CHECKERBOARD SQ

City:ST LOUIS

State:MO

ZIP:63164

Country:US

Info Phone Num:216-835-7368

Emergency Phone Num:417-625-3333, 1-800

-526-4727

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

CAGE:83740

===== Composition/Information on Ingredients =====

Ingred Name:MERCURY (SARA III) *

CAS:7439-97-6

RTECS #:OV4550000

Fraction by Wt: 0.1-0.9%

Other REC Limits:NONE SPECIFIED

OSHA PEL:S, C, 0.1 MG/M3 *

ACGIH TLV:S, 0.05 MG/M3; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:MANGANESE

DIOXIDE
CAS:1313-13-9
RTECS #:OP0350000
Fraction by Wt: 15-30%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG MN/M3 CEILING
ACGIH TLV:5 MG MN/M3

Ingred Name:POTASSIUM HYDROXIDE (SARA III)
CAS:1310-58-3
RTECS #:TT2100000
Fraction by Wt: 0-12%
Other REC Limits:NONE SPECIFIED
OSHA PEL:C, 2 MG/M3
ACGIH TLV:C 2 MG/M3; 9192
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: 0-12%
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: 4-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:10 MG ZNO/M3
ACGIH TLV:10 MG ZNO/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EXPO

SURE TO MERCURY-ACUTE:

SKIN:IRRITATION, ANURIA. EYE:IRRITATION, CORNEAL INJURY OR BURNS.
INGESTION:IMMEDIATE NECROSIS IN MOUTH, THROAT, ESOPHAGUS & STOMACH.
DEATH MAY OCCURE. INHALATION:DYSPNEA, C OUGH, FEVER, NAUSEA &
VOMITING, DIARRHEA, STOMATITIS, SALIVATION & METALLIC TASTE.
CHRONIC: CNS DISTURBANCES.

Explanation of Carcinogenicity:MERCURY, ZINC AND AMMONIUM CHLORIDE ARE
NOT LISTED BY IARC, NTP, OR OSHA AS CARCINOGENS.

Effects of Overexposure:TREMORS, CONVULSIONS & OT
HER CNS DISTURBANCES,

PNEUMONITIS, CHEST PAINS, DYSPNEA, COUGHING, STOMATITIS, GINGIVITIS
AND LOOSENING OF TEETH, SALIVATION, LOSS OF MEMORY, METALLIC TASTE,
DIZZINESS, CLUMSI NESS, SLURRED SPEECH, DIARRHEA, PAIN & NUMBNESS
IN EXTREMITIES, NEPHRITIS, ANXIETY, HEADACHE, WEIGHT LOSS, AND
INSOMNIA.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF
ALCOHOLISM, CHRONIC KIDNEY DISEASE OR KNOWN ALLERGY TO MERCURY MAY
BE AT INCREASED RISK FROM EXPOSURE TO MERCURY
IF THE BATTERY IS
RUPTURED.

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

First Aid:IF EXPOSED TO RUPTURED BATTERY-INHALATION:REMOVE TO FRESH
AIR. IF NOT BREATHING GIVE CPR/OXYGEN. GET MEDICAL ATTENTION.
EYE:IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. GET
MEDICAL ATTE NTION. SKIN: WASH SKIN WITH PLENTY OF SOAP & WATER.
INGESTION: GET IMMEDIATE MEDICAL ATTENTION.

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

Ext
inguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS AND/OR MAY CAUSE
EXPLOSION.

===== Accidental Release Measures =====

Spill Release P

rocedures:PICK UP ALL BATTERIES. FOR A SMALL SPILL OF A
RUPTURED BATTERY: COLLECT THE DUST WITH A VACUUM CLEANER AND
DISPOSE OF BAG. WASH THE AREA.

Neutralizing Agent:NONE

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Handling and Storage
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Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED
AREA AWAY FROM HEAT. STACK CARTONS NO MORE THAN 4 LAYERS HIGH ON A
PALLET AND NO MORE THAN 3 PALLETS HIGH.

Other Precautions:DO NOT SEAL BATTERIES IN AIR TIGHT OR WATERTIG
HT

CONTAINERS OR COMPARTMENTS. DO NOT RUPTURE OR THROW BATTERIES IN
FIRE. DO NOT RECHARGE BATTERIES.

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Exposure Controls/Personal Protection
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Respiratory Protection:NORMALLY NOT REQUIRED. WEAR MASK WHEN HANDLING
DUST FROM RUPTURED BATTERY.

Ventilation:GENERAL/LOCAL EXHAUST VENTILATION.

Protective Gloves:RUBBER, IF HANDLING RUPTURED BATTERY.

Eye Protection:NONE

Other Protective Equipment:NONE REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE
PRACTICES AND

RECOMMENDED PROCEDURES.

Supplemental Safety and Health

WHEN HANDLING RUPTURED BATTERY DO NOT GET ON SKIN, IN EYES OR ON
CLOTHING. DO NOT BREATHE VAPORS.

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Physical/Chemical Properties
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HCC:N1

Appearance and Odor:CYLINDRICAL

Percent Volatiles by Volume:NO

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoid:HIGH TEMPERATURES.

Hazardous Decompos

ition Products:THERMAL DECOMPOSITION PRODUCTS INCLUDE
TOXIC MERCURY VAPORS AND AMMONIUM CHLORIDE FUMES.

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

Waste Disposal Methods:DO NOT INCINERATE, BURY IN LANDFILL IN
ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATION.

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