

EVEREADY BATTERY CO INC -- E9 BATTERY (MERCURIC OXIDE-ZINC) -- 6135-00-812-9039

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Product Identification
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Product ID:E9 BATTERY (MERCURIC OXIDE-ZINC)

MSDS Date:03/19/1991

FSC:6135

NIIN:00-812-9039

MSDS Number: BPPCQ

=== 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

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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 RECOMMENDED

OSHA PEL:5 MG MN/M3 CEILING

ACGIH TLV:5 MG MN/M3

Ingred Name:MERCURY (SARA III)

CAS:7439-97

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RTECS #:OV4550000
Fraction by Wt: 0.3-1.5%
Other REC Limits:NONE RECOMMENDED
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 RECOMMENDED
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 RECOMMENDED
OSHA PEL: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 RECOMMENDED
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 RECOMMENDED
OSHA PEL:10 MG ZNO/M3
ACGIH TLV:10 MG ZNO/M3; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LB

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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:EXPOSURE 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, COUGH, FEVER, NAUSEA &

VOMITING, DIARRHEA, STOMATITIS, SALIVATION & METAL

LLIC 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 & OTHER CNS DISTURBANCES, PNEUMONITIS, CHEST PAINS, DYSPNEA, COUGHING, STOMATITIS, GINGIVITIS AND LOOSENING OF TEETH, SALIVATION, LOSS OF MEMORY, METALLIC TASTE, DIZZINESS, CLUMSINESS, 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.

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 ===== First Aid Measures =====
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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 ATTENTION. SKIN: WASH SKIN WITH PLENTY OF SOAP & WATER.

INGESTION: GET IMMEDIATE MEDICAL ATTENTION.

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 ===== Fire Fighting Measures =====
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Extinguishing 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/Ex

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

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

Spill Release Procedures: 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

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

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

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

Respiratory Protection: NORMALLY NOT REQUIRED. WEAR MASK WHEN HANDLING DUST FROM RUPTURED BATTERY.

Ven

tilation: 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

THESE BATTERIES ARE MANUFACTURED "ARTICLES", WHICH DO NOT RESULT IN EXPOSURE TO A HAZARDOUS CHEMICAL UNDER NORMAL CONDITIONS OF USE, AS DEFINED IN OSHA HCS 1910.1200(C). WHEN HANDLING RUPTURED BATTERY

DO NOT GET ON SKIN, IN EYES OR ON CLOTHING. DO NOT BREATHE VAPORS.

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

HCC: N1

Appearance and Odor: CYLINDRICAL /D/

Percent Volatiles by Volume: NO

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

Stability Indicator/Materials to Avoid: YES

NONE

Stability Condition to Avoid: HIGH TEMPERATURES.

Hazardous Decomposition 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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