

EVEREADY BATTERY CO INC -- EVEREADY BATTERY -- 6140-01-333-6737

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

Product ID:EVEREADY BATTERY

MSDS Date:03/18/1991

FSC:6140

NIIN:01-333-6737

MSDS Number: BNPZB

=== 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:216-835-7368

CAGE:83740

=== Contractor Identification ===

Company Name:EVEREADY BATTERY CO I  
NC

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: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 Li

imits: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: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: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 LB  
S  
DOT Rpt Qty:1000 LBS

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

===== 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: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 & METALLIC TASTE.  
CHRONIC: CNS DISTURBANCES.

Explanation of Carcinogenicity:SILVER,MERCURY, ZINC AND MANGANESE 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.

===== 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.

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

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

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL  
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE  
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS OF MERCURY. CELL MAY  
EXPLODE IN FIRE.

===== 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 SAVE  
FOR DISPOSAL. 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.

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  
THERE ARE NO

HEALTH HAZARDS IN HANDLING BATTERIES UNLESS THE BATTERIES  
ARE RUPTURED. 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 BATTERY

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS AND BASES

Stability Condition to Avoid:HIGH TEMPERATURES

Hazardous Decompositio

n Products:THERMAL DECOMPOSITION PRODUCTS INCLUDE  
TOXIC MERCURY VAPORS, MOLTEN AND BURNING FUMES.

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

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

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