

EVEREADY BATTERY CO INC -- EVEREADY BATTERY,544 -- 6135-01-115-2867

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

Product ID:EVEREADY BATTERY,544

MSDS Date:03/19/1991

FSC:6135

NIIN:01-115-2867

MSDS Number: BSFSH

=== Responsible Party ===

Company Name:EVEREADY BATTERY CO INC

Address:CHECKERBOARD SQ

City:ST LOUIS

State:MO

ZIP:63164

Country:US

Info Phone Num:314-982-2000

Emergency Phone Num:314-982-2000

CAGE:8

3740

=== Contractor Identification ===

Company Name:BATTERY OUTLET INC

Address:1608 CAMPOSTELLA RD

Box:City:CHESAPEAKE

State:VA

ZIP:23324

Country:US

Phone:757-545-4442

CAGE:0FGN2

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:MANGANESE DIOXIDE

CAS:1313-13-9

RTECS #:OP0350000

Fraction by Wt: 0 - 20%

Other REC Limits:NONE REC

OMMENDED  
OSHA PEL:5 MG MN/M3 CEILING  
ACGIH TLV:5 MG MN/M3

Ingred Name:MERCURY (SARA III)  
CAS:7439-97-6  
RTECS #:OV4550000  
Fraction by Wt: 0.3-1.0%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:C 0.1 MG/M3; Z-2  
ACGIH TLV:S, 0.05 MG/M3; 9394  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:SILVER OXIDE  
CAS:20667-12-3  
RTECS #:VW4900000  
Fraction by Wt: 10 - 35%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:NOT ESTABLISHED.  
ACGIH TLV:NOT ESTABLISHED.

Ingred Name:POTASSIUM HYDROXIDE (SARA III)  
CAS:1310-58-  
3  
RTECS #:TT2100000  
Fraction by Wt: 0 - 7%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:C 2 MG/M3  
ACGIH TLV:C 2 MG/M3; 9394  
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 - 7%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2 MG/M3  
ACGIH TLV:C 2 MG/M3; 9394  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ZINC (SARA III)  
CAS:7440-66-6  
RTECS #:ZG8600000  
Fraction by Wt: 6 - 14%  
Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MG/M3 TDUST.  
ACGIH TLV:10 MG/M3 TDUST.  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:LD50 (ORAL RAT) NOT RELEVANT.  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE- BATTERY IS SEALED. IF  
LEAKING/BROKEN:INGESTION IS HARMFUL. CAN CAUSE SERIOUS CHEMICAL  
BURNS. DUST/VAPORS CAN CAUSE RESPIRATORY TRACT I  
RRITATION. SKIN  
CONTACT CAN CAUSE IRRITATION & BURNS. CONTA CT WITH EYES CAN CAUSE  
SEVERE IRRITATION & BURNS. CHRONIC- UNKNOWN. TARGET  
ORGANS:RESPIRATORY & GI TRACTS, EYES, SKIN.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:EYES, SKIN, RESPIRATORY TRACT AND  
GASTROINTESTINAL TRACT IRRITATION AND CHEMICAL BURNS

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

First Aid:GET MEDICAL ATTENTION IMMEDIATELY. EYE/SKIN:IMMEDIATELY FLUSH  
WITH WATER  
FOR AT LEAST 15 MINUTES. HOLD EYELIDS OPEN.  
INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. ORAL:DO  
NOT INDUCE VOMI TING NOR GIVE FOOD OR DRINK. GET EMERGENCY MEDICAL  
ATTENTION. CALL NATIONAL BATTERY INGESTION HOTLINE FOR ADVICE AND  
FOLLOW-UP (202-625-3333) COLLECT, DAY OR NIGHT.

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

Flash Point:NONE  
Extinguishing Media:WATER SPRAY, CO2, FOAM/DRY CHEMICAL. WATER SPRAY  
MAY BE USED TO KEEP FIRE EXPOS  
ED CONTAINERS COOL.  
Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED  
SELF-CONTAINED BREATHING APPARATUS OPERATED IN THE POSITIVE  
PRESSURE MODE.  
Unusual Fire/Explosion Hazard:MERCURY FUMES OR VAPORS ARE TOXIC AND CAN  
CAUSE DEATH.

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

Spill Release Procedures:BATTERY AND CELL CASES WILL NORMALLY CONTAIN  
MATERIALS OF CONCERN. USE INDUSTRIAL ABSORBENT TO COLLECT POTASSIUM  
HYDROXIDE.  
Neutralizing

Agent:WEAK ACID

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

Handling and Storage Precautions:STORE IN COOL, WELL VENTILATED AREA.  
DO NOT OBSTRUCT SAFETY RELEASE VENTS ON BATTERIES. ENCAPSULATION OF  
BATTERIES WILL CAUSE HIGH PRESSURE RUPTURE.

Other Precautions:DO NOT INCINERATE. DO NOT TOUCH BROKEN OR LEAKING  
BATTERIES. WASH THOROUGHLY AFTER HANDLING. KEEP OUT OF REACH OF  
SMALL CHILDREN. BATTERIES NORMALLY EVOLVE HYDROGEN. AVOID SPARKS,  
STATIC ELECTRICITY, HIGH TEMPERATURES, SHORT CIRCUIT.

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

Respiratory Protection:USE NIOSH APPROVED MIST OR DUST MASK WHEN  
HANDLING THE BROKEN BATTERIES.

Ventilation:USE ADEQUATE LOCAL EXHAUST VENTILATION WHEN HANDLING THE  
BROKEN BATTERIES.

Protective Gloves:NEOPRENE, NITRILE, RUBBER FOR LEAKERS

Eye Protection:SAFETY GOGGLES IF HANDLING LEAKERS.

Other Protective Equipment:EYE WASH STATION

Work Hygienic Practices:OBSERVE GOOD PERSONAL  
HYGIENE PRACTICES AND

RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING.

Supplemental Safety and Health

THIS BATTERY IS AN ARTICLE AND, AS SUCH, IS NOT SUBJECT TO THE OSHA  
HAZARD COMMUNICATION STANDARD REQUIREMENT.

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Spec Gravity:NOT RELEVANT

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:NOT RELEVANT

Appearance and Odor:BATTERY, SOL

ID

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS

Stability Condition to Avoid:EXCESSIVE HEAT, FIRE

Hazardous Decomposition Products:MERCURY FUMES/VAPORS MAY FORM.

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

Waste Disposal Methods:DISPOSE IN LANDFILL OR APPROPRIATE INCINERATION  
FACILITY IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL  
LAWS AND REGULATIONS.

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ided with this information by the compiling agencies):

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