

EVEREADY BATTERY COMPANY, INC. -- EVEREADY BATTERY,ENERGIZER -- 6135-00-403-0213

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Product Identification
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Product ID:EVEREADY BATTERY,ENERGIZER

MSDS Date:03/19/1991

FSC:6135

NIIN:00-403-0213

MSDS Number: BQKJF

=== Responsible Party ===

Company Name:EVEREADY BATTERY COMPANY, INC.

Address:CHECKERBOARD SQUARE

City:ST. LOUIS

State:MO

ZIP:63164

Country:US

Info Phone Num:216-835-7368

Emergenc

y Phone Num:216-835-7368

CAGE:66571

=== Contractor Identification ===

Company Name:EVEREADY BATTERY CO INC

Address:25225 DETROIT ROAD

Box:City:WESTLAKE

State:OH

ZIP:44145

Country:US

Phone:440-835-7368

CAGE:66571

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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%

OSHA PEL:5 MG/CUM

ACGIH TLV:5 MG/CUM (MN)

Ingred Name:MERCURY, QUICKSILVER

CAS:7439-97-6

RTECS #:OV4550000

Fraction by Wt: 0.3-1.5%

Other REC Limits:INORGANIC 0.1 MG/CUM
OSHA PEL:0.1 MG/CUM (SKIN)
ACGIH TLV:0.01 MG/CUM (SKIN)
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:MERCURIC OXIDE
CAS:21908-53-2
RTECS #:OW8750000
Fraction by Wt: 20-50%
OSHA PEL:0.05 MG/CUM TWA
ACGIH TLV:0.05 MG/CUM TWA

Ingred Name:POTASSIUM HYDROXIDE
CAS:1310-58-3
RTECS #:TT2100000
Fraction by Wt: 0-6%
Other REC Limits:2 MG/CUM (CEILING)
OSHA PEL:2 MG/CUM (CEILING)
ACGIH TLV:2 MG/CUM (CEILING)
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM HYDROXIDE, CAUSTIC SODA, LYE
CAS:1310-73-2
RTECS #:WB4900000
Fraction by Wt: 0-6%
Other REC Limits:2MG/M3 CEILING NIOSH
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
CAS:7440-66-6
RTECS #:ZG8600000
Fraction by Wt: 5-15%
OSHA PEL:15 MG/CUM TOTAL DUST
ACGIH TLV:10 MG/CUM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INGESTION: SERIOUS CHEMICAL BURNS OF MOUTH/ESOPHAGUS/GI TRACT. MERCURIC OXIDE CAN CAUSE ABDOMINAL PAIN/VOMITING/DIARRHEA/LIVER & KIDNEY DAMAGE/CNS DISORDERS. INHALATION: IRRITATION. SKIN: IRRITATION/CHEMICAL BURNS/MERCURIC OXIDE CAN CAUSE DELAYED BURNS & SKIN SENSITIZATION. EYE: SEVERE IRRITATION/CHEMICAL BURNS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INGESTION: LIVER & KIDNEY DAMAGE, CNS DISORDERS.

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

First Aid:INGESTION: DON'T INDUCE VOMITING OR GIVE FOOD OR DRINK. SEEK MEDICAL ATTENTION IMMEDIATELY (CALL NATIONAL BATTERY INGESTION HOTLINE COLLECT, DAY/NIGHT 202-625-3333). INHALATION: PROVIDE FRESH AIR. SKIN: REMOVE CONTAMINATED CLOTHING/WASH SKIN W/SOAP & WATER. EYE: IMMEDIATELY FLUSH W/WATER FOR 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Extinguishing Media:ANY TYPE OF EXTINGUISHING MEDIUM.

Fire Fighting Procedures:COOL EXTERIOR TO PREVENT RUPTURE. WEAR SCBA.

Unusual Fire/Explosion Hazard:CONTAINS MERCURY & MERCURIC OXIDE WHICH PRODUCE HIGHLY TOXIC MERCURY VAPORS.

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

Handling and Storage Precautions:INADVERTANT CHARGING CAN OCCUR IF INSTALLED BACKWARDS. IF SOLDERING OR WELDING IS REQUIRED, CONSULT REPRESENTATIVE FOR PROPER PRECAUTIONS.

Other Precautions:PROLONGED SHORT CIRCUIT (JUMBLED IN BULK CONTAINERS, METAL JEWELRY/TABLE COVERS/OR METAL BELTS USED IN ASSEMBLY) WILL WEAKEN & CAN CAUSE SAFETY VENT TO OPEN. NOT DESIGNED FOR RECHARGE; TO DO SO CAN CAUSE LEAKAGE/RUPTURE.

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

Respiratory Protection:NOT NECESSARY UNDER NORMAL CONDITIONS.

Ventilation:NOT NECESSARY UNDER NORMAL CONDITIONS.

Protective Gloves:NOT NECESSARY

UNDER NORMAL CONDITIONS.

Eye Protection:NOT NECESSARY UNDER NORMAL CONDITIONS.

Other Protective Equipment:NEOPRENE/RUBBER GLOVES & SAFETY GLASSES
W/SIDE SHIELDS IF HANDLING OPEN OR LEAKING BATTERIES.

Supplemental Safety and Health

DON'T OPEN/DISPOSE IN FIRE/PUT IN BACKWARDS/RECHARGE/MIX WITH USED OR
OTHER TYPES OF BATTERIES - MAY EXPLODE/LEAK & CAUSE PERSONAL
INJURY. KEEP AWAY FROM SMALL CHILDREN. IF OPENED OR BURNED THE
CONTAINED INGREDIENTS OR THEIR DISCHARGED COMBUSTION PRODUCTS

COULD BE HARMFUL UNDER SOME CIRCUMSTANCES IF EXPOSED.

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

Stability Indicator/Materials to Avoid:YES

IGNITION SOURCES; BATTERIES EVOLVE HYDROGEN WHICH,COMBINED WITH OXYGEN
FROM AIR CAN PRODUCE A COMBUSTIBLE/EXPLOSIVE MIX.

Stability Condition to Avoid:OBSTRUCTING SAFETY RELEASE VENTS CAN CAUSE
RUPTURE(ENCAPSULATING/POTTING)/ELEVATED TEMPERATURES SHORTEN
BATTERY LIFE.

===== Disposal Consideration

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Waste Disposal Methods:DISPOSE IN LANDFILL OR APPROPRIATE INCINERATION
FACILITY IN ACCORDANCE W/ ALL FEDERAL, STATE & LOCAL REGULATIONS.

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