

EVEREADY BATTERY CO INC -- ENERGIZER; HEARWELL; OVERTIME -- 6135-01-110-9470

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Product Identification
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Product ID:ENERGIZER; HEARWELL; OVERTIME

MSDS Date:03/19/1991

FSC:6135

NIIN:01-110-9470

MSDS Number: BSTYS

=== Responsible Party ===

Company Name:EVEREADY BATTERY CO INC

Address:25225 DETROIT RD

City:WESTLAKE

State:OH

ZIP:44145-2536

Country:US

Info Phone Num:203-794-7547

Emergency Phone

Num:203-794-7547

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

Company Name:MATHEWS ASSOCIATES INC

Address:645 HICKMAN CIRCLE

Box:City:SANFORD

State:FL

ZIP:32771

Country:US

Phone:407-323-3390

CAGE:4U927

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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: 0-20%

Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG/M3 CEILING
ACGIH TLV:5 MG/M3 (AS MN DUST)

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

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
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:UNDER NORMAL CONDITIONS OF USE, THE BATTERY IS HERMETICALLY SEALED. EYE/SKIN CONTACT: CONTENTS OF AN OPEN BATTERY CAN CAUSE SEVERE IRRITATION AND CHEMICAL BURNS. INHALATION: CONTENTS OF AN OPEN BATTERY CAN CAUSE RESPIRATORY IRRITATION. INGESTION: AN OPENED BATTERY CAN CAUSE SERIOUS CHEMICAL BURNS OF MOUTH AND ESOPHAGUS
Explanation of Carcinogenicity:MERCURY, ZINC AND MANGANESE ARE NOT LISTED BY IARC, NTP, OR OSHA AS CARCINOGENS.
Effects of Overexposure:IRRITATION OF THE SKIN OR EYES. RESPIRATORY IRRITATION. SERIOUS CHEMICAL BURNS OF MOUTH, ESOPHAGUS, AND GASTROINTESTINAL TRACT.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE CONTACT: IF EXPOSED TO CONTENTS OF AN OPEN BATTERY, IMMEDIATELY FLUSH EYES THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING AND WASH SKIN WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. INHALATION: PROVIDE FRESH AIR AND CALL A DOCTOR. INGESTION: DO NOT INDUCE VOMITING NOR GIVE FOOD OR DRINK. SEEK MEDICAL ATTENTION.

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

Extinguishing Media:USE ANY CLASS OF EXTINGUISHING MEDIUM ON THESE BATTERIES OR THEIR PACKING MATERIAL.
Fire Fighting Procedures:COOL EXTERIOR OF BATTERIES IF EXPOSED TO FIRE TO PREVENT RUPTURE. FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:THE BATTERY SHOULD NOT BE OPENED OR BURNED SINCE INGREDIENTS CONTAINED WITHIN, OR THEIR DISCHARGE OR COMBUSTION PRODUCTS COULD BE HARMFUL.

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===== 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 SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM HEAT. ELEVATED TEMPERATURES CAN RESULT IN SHORTENED BATTERY LIFE.

Other Precautions:DO NOT SEAL BATTERIES IN A IR TIGHT OR WATERTIGHT CONTAINERS OR COMPARTMENTS. DO NOT RUPTURE OR THROW BATTERIES IN FIRE. DO NOT RECHARGE BATTERIES. AVOID SHORT CIRCUIT OF BATTERY BY JEWELRY, METAL COVE RED TABLES, JUMBLED BATTERIES IN BULK.

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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:NONE REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

THE BATTERY SHOULD NOT BE OPENED OR BURNED SINCE THE INGREDIENTS CONTAINED WITHIN, OR THEIR DISCHARGE OR COMBUSTION PRODUCTS, COULD BE HARMFUL UNDER SOME CIRCUMSTANCES IF EXPOSED. THE MANUFACTURER STA TE THAT THESE BATTERIES ARE MANUFACTURED ARTICLES WHICH DO NOT RESULT IN EXPOSURE TO A HAZARDOU S CHEMICAL IN NORMAL USE

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

HCC:Z7

Appearance and Odor:CYLINDRICAL BATTERY, 1.5 VOLT, USAGE DESIGN IS HIGH DRAIN DIGITAL WATCHES.

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

Stability Indicator/Materials to Avoid:YES NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:HIGH TEMPERATURES

Hazardous Decomposition Products:THERMAL DECOMPOSITION PRODUCTS INCLUDE TOXIC MERCURY VAPORS, MOLTEN A

ND BURNING FUMES.

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

Waste Disposal Methods:DISPOSE IN LANDFILL OR APPROPRIATE INCINERATION FACILITY IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATION.

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