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## EVEREADY BATTERY COMPANY, INC. -- ENERGIZER, ALKALINE TYPE 522 -- 6135-00-900-2139

Product ID:ENERGIZER, ALKALINE TYPE 522

MSDS Date:01/03/1989

FSC:6135

NIIN:00-900-2139

MSDS Number: BHBGY === Responsible Party ===

Company Name: EVEREADY BATTERY COMPANY, INC.

Address:CHECKERBOARD SQUARE

City:ST LOUIS State:MO ZIP:63164

Country:US

Info Phone Num:216-634-7896

**Emergency** 

Phone Num: 202-625-3333/NATL BATT INGEST HOTLN

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

======= Composition/Information on Ingredients ========

Ingred Name: MANGANESE DIOXIDE (AS MANGANESE)

CAS:1313-13-9

RTECS #:OP0350000 Fraction by Wt: 18-50%

Other REC Limits:NOT ESTATABLISHED OSHA PEL:C,5 MG/M3/1 FUME TWA ACGIH TLV:5 MG/M3 DUST/1 FUME

Ing

red Name:ZINC (SARA III) CAS:7440-66-6 RTECS #:ZG8600000 Fraction by Wt: 5-22% OSHA PEL:10 MG ZNO/M3 ACGIH TLV:10 MG ZNO/M3; 9192 EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS Ingred Name: POTASSIUM HYDROXIDE (SARA III) CAS:1310-58-3 RTECS #:TT2100000 Fraction by Wt: 3-10% 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: GRAPHITE, NATURAL CAS:7782-42-5 RTECS #:MD9659600 Fraction by Wt: 1-8% **OSHA PEL:15 MPPCF RDUST** ACGIH TLV:2 MG/M3 RDUST; 9293 Ι ngred Name: MERCURY (SARA III) CAS:7439-97-6 RTECS #: OV4550000 Fraction by Wt: 0.1-O.5% 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

========= 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:REPEATED EXPOSURE TO BATTERY CONTENTS
MAY AFFECT THE CENTRAL NERVOUS SYSTEM WITH SYMPTOMS
INDISTINGUISHAB

LE FROM PARKINSONISM.  Effects of Overexposure:EYES:REDNESS,IRRITATION,BURNS OF CORNEA.  SKIN:REDNESS,SWELLING,BURNS.NO EVIDENCE OF SKIN ABSORPTION.  INHALATION:RESPIRATORY IRRITATION. INGESTION:SEVERE  BURNS,SS,DROWSINESS,CIRCULATORY COLLAPSE,COMA.  Medical Cond Aggravated by Exposure:SKIN CONTACT MAY AGGRAVATE EXISTING  DERMATITIS. BREATHING MAY AGGRAVATE ASTHMA AND INFLAMMATORY OR  FIBROTIC PULMONARY DISEASE. PROLONGED/REPEATED EXPOSURE MAY  AGGRAVATE EXISTING NEUROLOGICAL CON  DITION
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First Aid:EYES:FLUSH WITH WATER FOR AT LEAST 15 MINUTES.SEE DOCTOR URGENTLY. SKIN:REMOVE CONTAMINATED CLOTHING.WASH THOROUGHLY WITH SOAP AND WATER.IF IRRITATION PERSISTS,SEE DOCTOR. INHALATION:REMOVE TO FRESH A LY.
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Extinguishing Media:AS APPROPIATE FOR SURROUNDING FIRE. Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
PROTECTIVE CLOTHING. Unusual Fire/Explosion Hazard:BATTERIES MAY RUPTURE IN HEAT OF FIRE. BATTERIES EVOLVE HYDROGEN WHICH WHEN COMBINED WITH OXYGEN FROM THE AIR,CAN PROVIDE A COMBUSTIBLE OR EXPLOSIVE MIXTURE.
=========== Handling and Storage ============
Handling and Storage Precautions:DO NOT STACK MORE THAN 5 FT HIGH INCLUDING PALLET,AND NO MORE THAN 3 PALLETS HIGH. DO NOT SEAL THESE BATTERIES IN AIRTIGHT OR WATERTIGHT CONTAINERS.  Other Precautions:
AVOID PROLONGED SHORT CIRCUIT, SINCE BATTERY WILL LOSE

AVOID PROLONGED SHORT CIRCUIT, SINCE BATTERY WILL LOSE ENERGY AND, AT HIGH TEMPERATURES, CAN EVEN RUPTURE. IF SOLDERING OR WELDING IS REQUIRED, CONSULT YOUR EVEREADY BATTERY REPRESENTATIVE. DO NOT RECHARGE BATTERY, IT MAY LEAK AND EXPLODE.

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

Respiratory Protection: NOT NECESSARY UNDER NORMAL CONDITIONS.

Ventilation: NO SPECIAL REQUIREMENTS.

Protective Gloves: NEOPRENE OR RUBBER IF BATTERY LEAKS.

Eye Protection: NOT REQUIRED UN

Other Protective Equipment:NONE. Supplemental Safety and Health DO NOT DISPOSE IN FIRE,RECHARGE,PUT IN BACKWARDS,MIX WITH USED OR OTHER BATTERY TYPESMAY EXPLODE,LEAK AND CAUSE PERSONAL INJURY.
=========== Physical/Chemical Properties ==========
HCC:N1 Appearance and Odor:BATTERY,RECTANGULAR WITH ROUNDED CORNERS.
======== Stability and Reactivity Data =========
Stability Indicator/Materials to Avoid:YES Stability Condition to Av oid:HEAT,SPARKS,OPEN FLAMES Hazardous Decomposition Products:HYDROGEN,POTASSIUM HYDROXIDE.
======= Disposal Considerations ==========
Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER. DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL,STATE AND LOCAL REGULATIONS DO NOT INCINERATE!
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