

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

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

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

=== Con

tractor 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 ESTABLISHED

OSHA PEL:C,5 MG/M3/1 FUME TWA

ACGIH TLV:5 MG/M3 DUST/1 FUME

Ingred Name:ZINC (SARA III)

CAS:7440-66-6

RTECS #:ZG8600000

Fracti

on 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

Ingred Name:MERCURY (SARA III)
CAS:7439-97-6
RTECS #:OV4550000
F
raction 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
INDISTINGUISHABLE FROM PARKINSONISM.
Effects of Overexposure:EYES:REDNESS,IRRIT

ATION,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 CONDITION

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

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

Extinguishing Media:AS APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:BATTERIE

S 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 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 UNDER NORMAL CONDITIONS.

Other Protective Equipment:NONE.

Suppleme

ntal Safety and Health

DO NOT DISPOSE IN FIRE,RECHARGE,PUT IN BACKWARDS,MIX WITH USED OR OTHER
BATTERY TYPES--MAY 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 Avoid:HEAT,SPARKS,OPEN FLAMES

Hazardous Decomposition Products:HYD

ROGEN,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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