

EVEREADY BATTERY CO INC -- ENERGIZER BATTERY, INDUSTRIAL ZMA -- 6135-00-826-4798

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Product Identification
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Product ID:ENERGIZER BATTERY, INDUSTRIAL ZMA

MSDS Date:08/08/1994

FSC:6135

NIIN:00-826-4798

MSDS Number: BWNKY

=== Responsible Party ===

Company Name:EVEREADY BATTERY CO INC

Address:CHECKERBOARD SQ

City:ST LOUIS

State:MO

ZIP:63164

Country:US

Info Phone Num:314-982-2000/216-835-7368

Emergency Phone Num:314-982-2000

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

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Composition/Information on Ingredients
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Ingred Name:GRAPHITE (NATURAL)

CAS:7782-42-5

RTECS #:MD9659600

Fraction by Wt: 3-6% %

Other REC Limits:NONE RECOMMENDED

OSHA PEL:15 MPPCF; Z-3

ACGIH TLV:2 MG/M3 RDUST; 9394

Ingred Name:MANGANESE DIOXIDE

CAS:1313

-13-9
RTECS #:OP0350000
Fraction by Wt: 30-40% %
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG MN/M3 CEILING
ACGIH TLV:5 MG MN/M3

Ingred Name:POTASSIUM HYDROXIDE (SARA III)
CAS:1310-58-3
RTECS #:TT2100000
Fraction by Wt: 4-8% %
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:ZINC (SARA III)
CAS:7440-66-6
RTECS #:ZG8600000
Fraction by Wt: 12-20% %
Other REC Limits:NONE RECOMMENDED
EPA Rpt Qty:1000 LBS
DOT R
pt Qty:1000 LBS

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SWALLOWING A BATTERY CAN BE HARMFUL.
CONTENTS OF AN OPEN BATTERY CAN CAUSE SERIOUS CHEMICAL BURNS OF THE
MOUTH, ESOPHAGUS, GI TRACT, SKIN, EYES AND/OR RESPIRATORY TRACT.
CAUSE GI DISTURBANCES.
Explanation of Car
cinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, UPPER
RESPIRATORY TRACT IRRITATION, BURNS OF THE MOUTH, ESOPHAGUS, GI
TRACT, SKIN, EYES AND/OR RESPIRATORY TRACT.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 M

MINUTES WHILE HOLDING EYELIDS

OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. CALL NATIONAL BATTERY INGESTION HOTLINE COLLECT (202-625-3333).

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

Flash Point:NONFLAMMABLE

Lower Limits:NOT
GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:ANY CLASS OF EXTINGUISHING MEDIUM IS APPROPRIATE

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:DO NOT USE DIRECT STREAM OF WATER ON FIRE. TOXIC GASES ARE RELEASED DURING COMBUSTION.

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

Spill Release Pr

cedures:COLLECT FOR DISPOSAL. IF BATTERIES HAVE RUPTURED, USE PROPER PERSONAL PROTECTIVE EQUIPMENT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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

Other Precautions:IF POTTING OR SEALING THE BATTERY IN AN AIRTIGHT OR WATERTIGHT CONTAINER IS REQUIRED, CONSULT YOUR EVEREADY BATTERY COMPANY FOR PRECAUTIONARY SUGGESTIONS.

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

Respiratory Protection:NOT NECESSARY UNDER NORMAL CONDITIONS.

Ventilation:NOT NECESSARY UNDER NORMAL CONDITIONS.

Protective Gloves:NEOPRENE OR NATURAL RUBBER IF LEAKING.

Eye Protection:SAFETY GLASSES OR GOGGLES IF LEAKING.

Other Protective Equipment:AN EMERGENCY EYE WASH STATION AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT

AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

THIS ITEM IS CONSIDERED BY MANUFACTURER TO BE AN ARTICLE. DO NOT DISPOSE IN FIRE, RECHARGE, PUT IN BACKWARDS, MIX WITH USED OR OTHER BATTERY TYPES -- MAY EXPLODE OR LEAK AND CAUSE PERSONAL INJURY. KEEP AWAY FROM SMALL CHILDREN.

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

HCC:N1

Boiling Pt:B.P. Text:NOT GIVEN

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:NOT GIVEN

Vapor Density:NO

T GIVEN

Spec Gravity:NOT GIVEN

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:INSOLUBLE

Appearance and Odor:SEALED CELL, AAA SIZE

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:EXTREME TEMPERATURES

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:P

REVENT WASTE FROM CONTAMINATING SURROUNDING

ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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