

DOD Hazardous Materials Information System  
DoD 6050.5-L  
AS OF July 1998

FSC: 6135  
NIIN: 009857845  
Manufacturer's CAGE: 83740  
Part No. Indicator: A  
Part Number/Trade Name: ENERGIZER, ALKALINE SIZE AA

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General Information

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Item Name: BATTERY, NONRECHARGEABLE  
Company's Name: EVEREADY BATTERY CO INC  
Company's Street: CHECKERBOARD SQ  
Company's P. O. Box:  
Company's City: ST LOUIS  
Company's State: MO  
Company's Country: US  
Company's Zip Code: 63164  
Company's Emerg Ph #: 314-982-2000  
Company's Info Ph #: 314-982-2000  
Distributor/Vendor # 1:  
Distributor/Vendor # 1 Cage:  
Distributor/Vendor # 2:  
Distributor/Vendor # 2 Cage:  
Distributor/Vendor # 3:  
Distributor/Vendor # 3 Cage:  
Distributor/Vendor # 4:  
Distributor/Vendor # 4 Cage:  
Safety Data Action Code:  
Safety Focal Point: D  
Record No. For Safety Entry: 006  
Tot Safety Entries This Stk#: 010  
Status: SE  
Date MSDS Prepared: 03JAN89  
Safety Data Review Date: 28MAY91  
Supply Item Manager: CX  
MSDS Preparer's Name: N/R  
Preparer's Company: DEFENSE GENERAL SUPPLY CENTER  
Preparer's St Or P. O. Box: DGSC-SSH  
Preparer's City: RICHMOND  
Preparer's State: VA  
Preparer's Zip Code: 23297-5000  
Other MSDS Number:  
MSDS Serial Number: BKBLW  
Specification Number: W-B-101  
Spec Type, Grade, Class: CLASS 12  
Hazard Characteristic Code: N1  
Unit Of Issue: EA  
Unit Of Issue Container Qty: EACH  
Type Of Container: STD COML PKG  
Net Unit Weight: UNKNOWN

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NRC/State License Number: N/R  
Net Explosive Weight: N/R  
Net Propellant Weight-Ammo: N/R  
Coast Guard Ammunition Code: N/R

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Ingredients/Identity Information

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Proprietary: NO  
 Ingredient: MANGANESE DIOXIDE  
 Ingredient Sequence Number: 01  
 Percent: 18-50  
 Ingredient Action Code:  
 Ingredient Focal Point: D  
 NIOSH (RTECS) Number: OP0350000  
 CAS Number: 1313-13-9  
 OSHA PEL: 5 MG/M3 CEILING  
 ACGIH TLV: 5 MG/M3 (AS MN DUST)  
 Other Recommended Limit: NONE SPECIFIED

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Proprietary: NO  
 Ingredient: ZINC (SARA III)  
 Ingredient Sequence Number: 02  
 Percent: 5-22  
 Ingredient Action Code:  
 Ingredient Focal Point: D  
 NIOSH (RTECS) Number: ZG8600000  
 CAS Number: 7440-66-6  
 OSHA PEL: 10 MG ZNO/M3  
 ACGIH TLV: 10 MG ZNO/M3; 9192  
 Other Recommended Limit: NONE SPECIFIED

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Proprietary: NO  
 Ingredient: POTASSIUM HYDROXIDE (SARA III)  
 Ingredient Sequence Number: 03  
 Percent: 3-10  
 Ingredient Action Code:  
 Ingredient Focal Point: D  
 NIOSH (RTECS) Number: TT2100000  
 CAS Number: 1310-58-3  
 OSHA PEL: C, 2 MG/M3  
 ACGIH TLV: C 2 MG/M3; 9192  
 Other Recommended Limit: NONE SPECIFIED

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Proprietary: NO  
 Ingredient: GRAPHITE, NATURAL  
 Ingredient Sequence Number: 04  
 Percent: 1-8  
 Ingredient Action Code:  
 Ingredient Focal Point: D  
 NIOSH (RTECS) Number: MD9659600  
 CAS Number: 7782-42-5  
 OSHA PEL: 15 MPPCF RDUST  
 ACGIH TLV: 2 MG/M3 RDUST; 9293

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Other Recommended Limit: NONE SPECIFIED

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Proprietary: NO  
 Ingredient: MERCURY (SARA III)  
 Ingredient Sequence Number: 05  
 Percent: 0.1-0.5  
 Ingredient Action Code:  
 Ingredient Focal Point: D  
 NIOSH (RTECS) Number: OV4550000  
 CAS Number: 7439-97-6  
 OSHA PEL: S, C, 0.1 MG/M3

ACGIH TLV: S, 0.05 MG/M3; 9192  
 Other Recommended Limit: NONE SPECIFIED

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 Physical/Chemical Characteristics  
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Appearance And Odor: AA ALKALINE FLASHLIGHT BATTERY  
 Boiling Point: N/R  
 Melting Point: N/R  
 Vapor Pressure (MM Hg/70 F): N/R  
 Vapor Density (Air=1): N/R  
 Specific Gravity: N/R  
 Decomposition Temperature: UNKNOWN  
 Evaporation Rate And Ref: N/R  
 Solubility In Water: N/R  
 Percent Volatiles By Volume: N/R  
 Viscosity: N/R  
 pH: N/R  
 Radioactivity: N/R  
 Form (Radioactive Matl):  
 Magnetism (Milligauss): N/P  
 Corrosion Rate (IPY): UNKNOWN  
 Autoignition Temperature: N/R

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 Fire and Explosion Hazard Data  
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Flash Point: N/R  
 Flash Point Method: N/P  
 Lower Explosive Limit: N/R  
 Upper Explosive Limit: N/R  
 Extinguishing Media: USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
 Special Fire Fighting Proc: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
 FULL FACED SELF CONTAINED BREATHING APPARATUS.  
 Unusual Fire And Expl Hazrds: COMBUSTION OR HEAT OF FIRE MAY PRODUCE  
 HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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 Reactivity Data  
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Stability: YES  
 Cond To Avoid (Stability): HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF  
 IGNITION  
 Materials To Avoid: NONE SPECIFIED BY MANUFACTURER.  
 Hazardous Decomp Products: HYDROGEN AND POTASSIUM HYDROXIDE

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Hazardous Poly Occur: NO  
 Conditions To Avoid (Poly): NOT APPLICABLE

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 Health Hazard Data  
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LD50-LC50 Mixture: ORAL RAT LD50: UNKNOWN  
 Route Of Entry - Inhalation: NO  
 Route Of Entry - Skin: NO  
 Route Of Entry - Ingestion: NO  
 Health Haz Acute And Chronic: REPEATED EXPOSURE TO BATTERY CONTENTS MAY  
 AFFECT THE CENTRAL NERVOUS SYSTEM WITH SYMPTOMS INDISTINGUISHABLE FROM  
 PARKINSON'S DISEASE.  
 Carcinogenicity - NTP: NO  
 Carcinogenicity - IARC: NO  
 Carcinogenicity - OSHA: NO  
 Explanation Carcinogenicity: THIS COMPOUND CONTAINS NO INGREDIENTS AT

CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Signs/Symptoms Of Overexp: CONTENTS OF BATTERY MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION AND BURNS.

Med Cond Aggravated By Exp: PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE SKIN MAY BE AT INCREASED RISK FROM EXPOSURE TO BATTERY CONTENTS.

Emergency/First Aid Proc: EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ADVICE. INGESTION OF BATTERY CONTENTS: DO NOT INDUCE VOMITING. RINSE MOUTH & DRINK LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: NONE NORMALLY REQUIRED.

Neutralizing Agent: NOT APPLICABLE

Waste Disposal Method: DO NOT INCINERATE. DISPOSAL OF BATTERIES SHALL COMPLY WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL PROTECTION AGENCY REGULATIONS.

Precautions-Handling/Storing: STORE IN A COOL, DRY PLACE. DO NOT SHORT BATTERIES. DO NOT RECHARGE BATTERIES. DISPOSE OF LEAKING BATTERIES.

Other Precautions: NONE

Control Measures

Respiratory Protection: NONE NORMALLY REQUIRED.

Ventilation: NONE NORMALLY REQUIRED.

Protective Gloves: NONE NORMALLY REQUIRED.

Eye Protection: RECOMMEND SAFETY GLASSES.

Other Protective Equipment: NONE NORMALLY REQUIRED.

Work Hygienic Practices: AVOID CONTACT WITH BATTERY CONTENTS IF CASE IS RUPTURED, BROKEN OR LEAKING.

Suppl. Safety & Health Data: AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT INGEST. DO NOT RECHARGE OR INCINERATE BATTERIES.

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Transportation Data

Transportation Action Code:

Transportation Focal Point: D

Trans Data Review Date: 91148

DOT PSN Code: ZZZ

DOT Symbol:

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

DOT Class: N/R

DOT ID Number: N/R

DOT Pack Group:

DOT Label: N/R

DOT/DoD Exemption Number: N/R

IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

IMO Regulations Page Number: N/R

IMO UN Number: N/R

IMO UN Class: N/R

IMO Subsidiary Risk Label: N/R

IATA PSN Code: ZZZ

IATA UN ID Number: N/R

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
 IATA UN Class: N/R  
 IATA Subsidiary Risk Class: N/R  
 IATA Label: N/R  
 AFI PSN Code: ZZZ  
 AFI Symbols:  
 AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
 AFI Class: N/R  
 AFI ID Number: N/R  
 AFI Pack Group:  
 AFI Label: N/R  
 AFI Special Prov:  
 AFI Basic Pac Ref:  
 MMAC Code:  
 N.O.S. Shipping Name:  
 Additional Trans Data: NONE

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 Disposal Data  
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Disposal Data Action Code:  
 Disposal Data Focal Point:  
 Disposal Data Review Date:  
 Rec # For This Disp Entry:  
 Tot Disp Entries Per NSN:  
 Landfill Ban Item:  
 Disposal Supplemental Data:  
 1st EPA Haz Wst Code New:  
 1st EPA Haz Wst Name New:  
 1st EPA Haz Wst Char New:  
 1st EPA Acute Hazard New:  
 2nd EPA Haz Wst Code New:

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2nd EPA Haz Wst Name New:  
 2nd EPA Haz Wst Char New:  
 2nd EPA Acute Hazard New:  
 3rd EPA Haz Wst Code New:  
 3rd EPA Haz Wst Name New:  
 3rd EPA Haz Wst Char New:  
 3rd EPA Acute Hazard New:

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 Label Data  
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Label Required: YES  
 Technical Review Date: 28MAY91  
 Label Date:  
 MFR Label Number: N/R  
 Label Status: F  
 Common Name: ENERGIZER, ALKALINE SIZE AA  
 Chronic Hazard: NO  
 Signal Word: CAUTION!  
 Acute Health Hazard-None: X  
 Acute Health Hazard-Slight:  
 Acute Health Hazard-Moderate:  
 Acute Health Hazard-Severe:  
 Contact Hazard-None:  
 Contact Hazard-Slight: X  
 Contact Hazard-Moderate:  
 Contact Hazard-Severe:  
 Fire Hazard-None: X

Fire Hazard-Slight:  
Fire Hazard-Moderate:  
Fire Hazard-Severe:  
Reactivity Hazard-None: X  
Reactivity Hazard-Slight:  
Reactivity Hazard-Moderate:  
Reactivity Hazard-Severe:  
Special Hazard Precautions: REPEATED EXPOSURE TO BATTERY CONTENTS MAY AFFECT THE CENTRAL NERVOUS SYSTEM WITH SYMPTOMS INDISTINGUISHABLE FROM PARKINSON'S DISEASE. STORE IN A COOL, DRY PLACE. DO NOT SHORT BATTERIES. DO NOT RECHARGE BATTERIES. DISPOSE OF LEAKING BATTERIES. FIRST AID: EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ADVICE. INGESTION OF BATTERY CONTENTS: DO NOT INDUCE VOMITING. RINSE MOUTH & DRINK LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION.  
Protect Eye:  
Protect Skin:  
Protect Respiratory:  
Label Name: EVEREADY BATTERY CO INC  
Label Street: CHECKERBOARD SQ  
Label P.O. Box:  
Label City: ST LOUIS  
Label State: MO  
Label Zip Code: 63164  
Label Country: US

Report for NIIN: 009857845

Label Emergency Number: 314-982-2000  
Year Procured: