

Safety Data Sheet

Product: Alkaline Battery

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Issued: 30-June-2014

SECTION 1 - IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

The Coleman Company, Inc.
3600 N Hydraulic
Wichita, Kansas 67219
Phone: 1 800 835 3278 (bus hours)



Chemical Nature: Not applicable
Trade Name: Alkaline Battery
Product Use: Electric storage battery
Creation Date: 28-February-2014
Revision Date: 30-June-2014

SECTION 2 - HAZARD IDENTIFICATION

UN Number: Not regulated
Classification: Not regulated
SUSDP Classification: S5



Hazard Statements: DANGER
Harmful if swallowed.
Causes irritation if inhaled.
Causes severe skin burns and eye damage.

Precautionary Statements: Keep out of the reach of children.
Store in a cool/low-temperature, well-ventilated, dry place.
In case of fire, use CO₂, water, dry chemical or foam.
Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.
In case of insufficient ventilation, wear suitable respiratory equipment.
Remove to fresh air immediately. Get medical attention immediately.
Do NOT induce vomiting. Get immediate medical attention.
Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.
After contact with skin, take off immediately all contaminated clothing and wash immediately with plenty of soap and water. Get medical attention.

SECTION 3 - COMPOSITION AND INFORMATION ON INGREDIENTS

| Chemical | CAS Number | EC Number | Conc. % | OSHA | Australia | Canada | EU |
|---------------------|------------|-----------|---------|---------|-----------|---------|---------|
| Manganese Dioxide | 1313-13-9 | 215-202-6 | 35-40% | not set | not set | not set | not set |
| Zinc | 7440-66-6 | 231-175-3 | 10-25% | not set | not set | not set | not set |
| Potassium Hydroxide | 1310-58-3 | 215-181-3 | 5-10% | not set | not set | not set | not set |
| Graphite | 7782-42-5 | 231-955-3 | 1-5% | not set | not set | not set | not set |

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

SECTION 4 - FIRST AID MEASURES

Inhalation: Remove person to fresh air and seek immediate medical assistance. Give oxygen if breathing is difficult, give artificial resuscitation if not breathing.

Chemical Emergencies CHEMTREC: 1 800 424 9300 within US, 703 527 3887 outside US

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| | |
|---------------------|---|
| Eye Contact | Irrigate with water for 15 minutes. Hold eyelids open to ensure adequate flushing. Seek immediate medical assistance. |
| Ingestion | Do NOT induce vomiting. Seek immediate medical assistance. |
| Skin Contact | Remove contaminated clothing, jewelry and shoes. Wash skin thoroughly with soap and water. Seek immediate medical assistance. |

SECTION 5 - FIRE FIGHTING MEASURES

Batteries may burst and release hazardous decomposition products and containers may rocket or explode when exposed to a fire situation. Fight fire from a distance or protected area.

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| Extinguishing Media: | Use Carbon Dioxide, Water, Dry Chemical or Foam extinguishers. |
| Fire Fighting: | Fire fighters to wear full protective clothing and positive pressure respiratory protection. Do not enter enclosed or confined spaces without proper protective equipment. |

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Wear personal safety equipment at all times as detailed in Section 8. Caustic potassium hydroxide may be released from ruptured or leaking batteries. Increase ventilation and carefully collect batteries. Place batteries in suitable container for disposal. Advise EPA or state agency if required.

SECTION 7 - HANDLING AND STORAGE

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| Handling: | Do not expose the battery to high temperatures or excessive physical shock or vibration. Do not short circuit batteries. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. |
| Storage: | Store batteries in a cool, dry, well ventilated area. Do not store batteries in a manner that allows terminals to short circuit. |

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

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| Engineering Controls: | No special requirements under normal conditions. See Section 3 for exposure limits. Handle batteries to avoid short circuits. |
|------------------------------|---|

Personal Protection:

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| Eye / Face Protection | Safety glasses. |
| Skin Protection | Use chemical resistant gloves if handling open, corroded or leaking batteries. |
| Respiratory Protection | None required under normal use. |

Environmental Controls: No special measures required.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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|-----------------------------|--|
| Appearance: | The battery is a solid cylindrical article at normal temperatures. |
| Odor: | None |
| Boiling Point: | No data available |
| Melting Point: | No data available |
| Flashpoint: | No data available |
| Evaporation Rate: | No data available |
| Flammability Limits: | No data available |
| Vapor Pressure: | No data available |

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Vapor Density: No data available
Specific Gravity: No data available
Solubility in Water: Insoluble
Autoignition
Temperature: No data available

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use.

Conditions to Avoid: Do not heat, crush, disassemble, short circuit or recharge.

Materials to Avoid: Avoid contact with strong oxidizing agents.

Hazardous Decomposition: May decompose to hazardous fumes of zinc and manganese; caustic vapors of potassium hydroxide and other toxic by-products. HAZARDOUS POLYMERIZATION will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Health Effects: Acute

Ingestion Contents of an open battery can cause serious chemical burns of mouth, esophagus and gastrointestinal tract.

Inhalation Inhalation of vapors may cause irritation of the upper respiratory tract and lungs.

Skin Exposure Contents of an open battery can cause irritation and chemical burns.

Eye Exposure Contents of an open battery can cause severe irritation and chemical burns.

This product is not listed as carcinogenic or a potential carcinogen by the National Toxicology Program.

SECTION 12 - ECOLOGICAL INFORMATION

Ecological testing has not been conducted on this product.

SECTION 13 - DISPOSAL CONSIDERATION

Dispose of in accordance with all local, state and federal regulations.

SECTION 14 - TRANSPORT INFORMATION

U.S. Department of Transportation (DOT)

Proper Shipping Name: Alkaline Battery
UN Number: Not regulated
Hazard Class: Not regulated
Packing Group: Not regulated
Marine Pollutant: No

International Maritime Organization (IMDG)

Proper Shipping Name: Alkaline Battery
UN Number: Not regulated
Hazard Class: Not regulated
Packing Group: Not regulated
Marine Pollutant: No

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Transport of Dangerous Goods by Road (ADR)

Proper Shipping Name: Alkaline Battery

UN Number: Not regulated

Hazard Class: Not regulated

Packing Group: Not regulated

Marine Pollutant: No

Transport of Dangerous Goods by Rail (RID)

Proper Shipping Name: Alkaline Battery

UN Number: Not regulated

Hazard Class: Not regulated

Packing Group: Not regulated

Marine Pollutant: No

International Air Transport Association (IATA)

Proper Shipping Name: Alkaline Battery

UN Number: Not regulated

Hazard Class: Not regulated

Packing Group: Not regulated

Marine Pollutant: No

SECTION 15 - REGULATORY INFORMATION

SECTION 16 - ANY OTHER RELEVANT INFORMATION

This SDS contains only safety-related information. For other data see product literature.

PLEASE READ ALL LABELS CAREFULLY BEFORE USING PRODUCT.

Manufacturer Disclaimer:

The information contained herein is based upon data available to us and reflects our best professional judgment. However no warranty of merchantability, fitness for any use, or other warranty is expressed or implied regarding the accuracy of such data, the results to be obtained from the use thereof, or that any such use does not infringe any patent. Since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

Within the US:

The Coleman Company, Inc.

3600 N Hydraulic

Wichita, Kansas 67219

Phone: 1 800 835 3278 (bus hours)

American Association of Poison Control Centers: 1 800 222 1222

Chemical Emergencies CHEMTREC: 1 800 424 9300 within US, 703 527 3887 outside US

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Within Australia:

Coleman Brands Pty Limited

Suite W2C1, 75-85 O'Riordan St

Sydney Corporate Park, Alexandria, NSW 2015

Phone: 1 800 224 350 (bus hours)

Poisons Information Centre: 13 1126 within Australia, 0800 764 766 in New Zealand

Within Canada:

Sunbeam Corporation (Canada) Limited

20B Hereford Street

Brampton, Ontario L6Y 0M1

Phone: 1 800 387 6161 (bus hours)

Poison and Drug Information Services: 1 866 454 1212

Revisions:

6/30/2014 Added Environmental Control information to Section 8, Carcinogen information to Section 11 and Marine Pollutant information to Section 14.