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)

Coleman
The Outdoor Company™

Chemical Nature:	Lithium ion batteries contained in equipment
Trade Name:	Light Containing Lithium Ion Battery Pack
Product Use:	Electric storage battery for light
Creation Date:	11-March-2014
Revision Date:	30-June-2014

SECTION 2 - HAZARD IDENTIFICATION

UN Number:	3481, Lithium ion batteries contained in equipment
Classification:	Miscellaneous Dangerous Goods
SUSDP Classification:	S6

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. Keep away from heat and ignition sources - No Smoking. Store in a cool/low-temperature, well-ventilated, dry place. In case of fire, use CO_2, dry chemical or foam. Use only in well ventilated areas. 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. Avoid run off to waterways and sewers.

SECTION 3 - COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical	CAS Number	EC Number	Conc. %	OSHA	Australia	Canada	EU
NiCoMn	---	---	< 40%	not set	not set	not set	not set
Polyvinylidene Flouride	24937-79-9	---	< 2%	not set	not set	not set	not set
Graphite	7782-42-5	231-955-3	< 30%	not set	not set	not set	not set
Electrolyte	21324-40-3	244-334-7	< 20%	not set	not set	not set	not set
Polyethylene	9002-88-4	---	0.5-5%	not set	not set	not set	not set
Copper Foil	7440-50-8	231-159-6	< 10%	not set	not set	not set	not set
Nickel	7440-02-0	231-111-4	0.5-5%	not set	not set	not set	not set

Aluminum Foil	7429-90-5	231-072-3	0.5-5%	not set	not set	not set	not set
PVC	9002-86-2	---	0.5-5%	not set	not set	not set	not set
OR	OR	OR	OR		OR		
Lithium Cobalt Oxide	12190-79-3	235-362-0	25-40%	not set	not set	not set	not set
Equivalent Max Lithium Content	7439-93-2	231-102-5	0.95 g/pcs	not set	not set	not set	not set
Aluminum Foil	7429-90-5	231-072-3	2-6%	not set	not set	not set	not set
Graphite	7782-42-5	231-955-3	11-21%	not set	not set	not set	not set
Copper Foil	7440-50-8	231-159-6	6-16%	not set	not set	not set	not set
Organic Electrolyte	---	---	8-18%	not set	not set	not set	not set
Lithium Hexaflurophosphate	21324-40-3	244-334-7	1-4%	not set	not set	not set	not set
Steel and Inert Components	7439-89-6	231-096-4	Balance	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.

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

If fire or explosion occurs when batteries are on charge, shut off power to charger. Carbon dioxide, dry chemical or foam extinguishers may not extinguish burning batteries - they will burn themselves out. Do not use water on fire as hydrogen gas may be evolved which forms an explosive mixture with air. Vapors are heavier than air and may travel considerable distance to a point of ignition and flash back. Smothering agents such as sand or soda ash may be used.

Extinguishing Media: Use Carbon Dioxide, 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. Evacuate area and shut off all sources of ignition. Contain spill and keep from entering waterways and sewers. Cover spill with soda ash (sodium carbonate) or quicklime (calcium oxide). Slowly pour the neutralizing powder from the outside of the spill inwards until entire spill is covered. Wait until the reaction is complete before absorbing the excess liquid with dry earth, sand or similar material. Place residue in a drum or other suitable container and dispose of as hazardous waste. Advise EPA or state agency if required.

SECTION 7 - HANDLING AND STORAGE

Handling: Keep product away from high energy ignition sources, heat, sparks, pilot lights, static electricity, open flame, excessive physical shock or vibration. Avoid the formation of dust. 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 away from sources of ignition. Do not store batteries above 40°C or below -20°C. Do not expose to direct sunlight for extended periods. Do not store batteries in a manner that allows terminals to short circuit.

Special Precautions: To prevent and minimize fire or explosion risk from static accumulation and discharge, effectively bond and/or ground product transfer system. Electrical equipment and fittings must comply with local fire prevention regulations for this class of product.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Use only with local exhaust ventilation to control sources of dust, mist, fumes and vapor. See Section 3 for exposure limits. Never recharge batteries in an unventilated, enclosed space. Use non-sparking equipment and lighting in areas where vapors may form. Handle batteries cautiously to avoid short circuits.

Personal Protection:

Eye / Face Protection	Safety glasses.
Skin Protection	Use chemical resistant gloves if handling open, corroded or leaking batteries.
Respiratory Protection	Breathing protection if dusts are formed.

Environmental Controls: Keep chemicals from entering waterways and sewers.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	The battery is a solid cylindrical article at normal temperatures.
Odor:	None
Boiling Point:	No data available
Melting Point:	No data available
Flashpoint:	65°C Closed Cup
Evaporation Rate:	No data available
Flammability Limits:	1.4 - 11.0%
Vapor Pressure:	No data available
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: Poor ventilation. Avoid heat, sparks, open flames and other ignition sources. Use only approved chargers and charging procedures.

Materials to Avoid: Avoid strong oxidizers and acids.

Hazardous Decomposition: May decompose to carbon monoxide, carbon dioxide and fluorine. 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: Lithium ion batteries contained in equipment
UN Number: 3481
Hazard Class: 9
Packing Group: II
Marine Pollutant: No

International Maritime Organization (IMDG)

Proper Shipping Name: Lithium ion batteries contained in equipment
UN Number: 3481
Hazard Class: 9
Packing Group: II
Marine Pollutant: No

Transport of Dangerous Goods by Road (ADR)

Proper Shipping Name: Lithium ion batteries contained in equipment
UN Number: 3481
Hazard Class: 9
Packing Group: II
Marine Pollutant: No

Transport of Dangerous Goods by Rail (RID)

Proper Shipping Name:	**Lithium ion batteries contained in equipment**
UN Number:	**3481**
Hazard Class:	**9**
Packing Group:	**II**
Marine Pollutant:	**No**

International Air Transport Association (IATA)

Proper Shipping Name:	**Lithium ion batteries contained in equipment**
UN Number:	**3481**
Hazard Class:	**9**
Packing Group:	**II**
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

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.**