



MATERIAL SAFETY DATA SHEET

1. We would like to inform our customers that these batteries are exempt articles and are not subject to the 29 CFR 1910.1200 OSHA requirement, or to the Canadian WHMIS requirements and the sheets are supplied as a service to you. For other MSDSs and related information, visit: <http://www.rayovac.com/technical/msds.htm>

2. THESE BATTERIES MAY NOT BE SUITABLE FOR LANDFILL DISPOSAL (SEE SECTION 7).

1. IDENTIFICATION

PRODUCT NAME: Lithium Carbon Monofluoride Batteries (BR)

SIZES: All

EMERGENCY TELEPHONE NUMBER: 800-424-9300 (24 hr, Chemtrec)

Environmental Health & Safety Information: 608-275-2482

EDITION DATE: 03-05-2007

APPROVED BY: Kevin J. Domack

2. INGREDIENTS

INGREDIENT NAME	CAS #	%	TLV*
Stainless Steel	--	70 - 80	--
Carbon Monofluoride	51311-17-2	6 - 12	3.5 mg/m ³ (Carbon Black, TWA)
Propylene Carbonate	108-32-7	2 - 6	None Established
Polypropylene	9003-07-0	2 - 6	None Established
Dimethoxyethane (1,2)	110-71-4	2 - 4	None Established
Lithium	7439-93-2	1 - 3	None Established

*Source: OSHA 29 CFR 1910.1000 Table Z-1, 2 or 3 3-01-2007

3. PHYSICAL DATA

Boiling Point @ 760 mm Hg (°C):	NA
Vapor Pressure (mm Hg @ 25°C):	NA
Vapor Density (Air = 1):	NA
Density (grams/cc):	NA
Percent Volatile by Volume (%):	NA
Evaporation Rate (Butyl Acetate = 1):	NA
Physical State:	NA
Solubility in Water (% by Weight):	NA
pH:	NA
Appearance and Odor:	geometric solid object

7. SPILL OR LEAK PROCEDURES

PROCEDURES TO CONTAIN AND CLEAN UP LEAKS OR SPILLS: In the event of a battery rupture, prevent skin contact and collect all released material in a plastic lined metal container.

REPORTING PROCEDURE: Report all spills in accordance with Federal, State and Local reporting requirements.

WASTE DISPOSAL METHOD: When completely discharged this type of Lithium cell is non-hazardous per USEPA Criteria. Lithium batteries not fully discharged may be regulated as D003 reactive hazardous waste under 40 CFR 261. Hazardous waste generators should check with the USEPA or their state authorized agency for guidance. For a list of some waste Lithium treatment facilities, visit: <http://www.nema.org/gov/ehs/committees/drybat/>

8. PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): NA

VENTILATION:

Local Exhaust:	NA
Mechanical (General):	NA
Special:	NA
Other:	NA

PROTECTIVE GLOVES: NA

EYE PROTECTION: NA

OTHER PROTECTIVE CLOTHING: NA

9. SPECIAL PRECAUTIONS

HANDLING AND STORAGE: Store in a dry place. Storing unpackaged cells together could result in cell shorting and heat build-up. Do not recharge. Do not puncture or abuse

TRANSPORTATION-SHIPPING: Lithium battery transportation is controlled by the Department of Transportation (USDOT) and the International Air Transportation Association (IATA) under United Nation's regulations.

For more information, visit: <http://www.nema.org/gov/ehs/committees/drybat/>

10. SARA 313

Notification is not required because these products are article(s) that do not release a covered toxic chemical under the normal conditions of processing or use.

NOTICE: The information and recommendations set forth are made in good faith and are believed to be accurate at the date of preparation. Rayovac Corporation makes no warranty expressed or implied.