

EASTMAN KODAK COMPANY -- PHOTOLIFE LITHIUM BATTERY (CATALOG NUMBERS IN SUPP DATA) -- 6135-01-351-1131

===== Product Identification =====

Product ID:PHOTOLIFE LITHIUM BATTERY (CATALOG NUMBERS IN SUPP DATA)

MSDS Date:10/25/1995

FSC:6135

NIIN:01-351-1131

MSDS Number: BZJKC

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:

US

Info Phone Num:716-477-3194 MSDS :800- 242-2424

Emergency Phone Num:716-722-5151

CAGE:19139

=== Contractor Identification ===

Company Name:EASTMAN KODAK CO GOVERNMENT MARKETS CONTRACTS

Address:343 STATE ST

Box:City:ROCHESTER

State:NY

ZIP:14650-1115

Country:US

Phone:716-722-5151/(800) 242-2424

CAGE:19139

===== Composition/Information on Ingredients =====

Ingred Name:THE LAST THREE INGREDIENTS ARE NOT HAZARDOUS PER MSDS.

Other REC Limits:NONE RECOMMENDED

Ingred Name:MANGANE

SE DIOXIDE

CAS:1313-13-9

RTECS #:OP0350000

Fraction by Wt: 25-30%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG MN/M3 CEILING

ACGIH TLV:5 MG MN/M3

Ingred Name:LITHIUM (METAL)

CAS:7439-93-2

RTECS #:OJ5540000

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

Ingred Name:1,3-DIOXALAN-2-ONE (ETHYLENE CARBONATE)

CAS:96-49-1

RTECS #:FF9550000

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

Ingred Name:DIMETHOXYETHANE

:NONE RECOMMENDED

Ingred Name:LITHIUM TRIFLUOROMETHANE SULFONATE  
CAS:33454-82-9  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:PROPYLENE CARBONATE  
CAS:108-32-7  
RTECS #:FF9650000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:LITHIUM PERCHLORATE  
CAS:7791-03-9  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:4-ETHYL-1,3-DIOXOLAN-2-ONE (BUTYLENE CARBONATE)  
CAS:4437-85-8  
RTECS #:JI4582000  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:STEEL CASING  
Fraction by Wt: 25-30%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:PAPER  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:PLASTIC  
Fraction by Wt: 1-5%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and C

chronic: BATTERY HAS A SEALED CASE. POSSIBILITY OF EXPOSURE IS NIL WHEN USED AS DIRECTED. PHYSICAL &/OR ELECTRICAL ABUSE MAY CAUSE RELEASE OF CONTENTS. ACUTE CONTACT W/CONTENTS-INHALATION: HARMFUL. MAY CAUSE IRRITATION OF UPPER RESPIRATORY TRACT. EYES: LIQUID & METAL CAUSE BURNS, VAPORS CAUSE IRRITATION. CONT. SIGNS & SYMPTOMS.

Explanation of Carcinogenicity: IN ADDITION TO THE ABOVE, PRODUCT IS NEGATIVE W/REGARD TO: ACGIH CANCER, CALIFORNIA CANCER & REPRODUCTIVE EFFECTS.

Effects of Overexposure: SKIN: LIQUID & METAL CAUSE BURNS. HARMFUL IF ABSORBED THROUGH SKIN. INGESTED: MAY BE HARMFUL IF SWALLOWED. MAY CAUSE BURNS OF G/I TRACT. \*\*NOTE TO PHYSICIANS: DO NOT MANAGE BATTERY INGESTIONS AS W/OTHER SMALL METAL OBJECTS. ASSESS INTEGRITY OF BATTERY IN G/I TRACT. IF LEAKING, CAN CAUSE NECROSIS & TISSUE DAMAGE. (SUP DATA)

Medical Cond Aggravated by Exposure: MFR GAVE NO INFORMATION OF MSDS.

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

First Aid: FIRST AID WILL NOT BE NEEDED IF BATTERY REMAINS INTACT. IF CONTENTS ARE RELEASED-INHALATION: MOVE TO FRESH AIR & TREAT SYMPTOMATICALLY. EYES: IMMEDIATELY FLUSH W/WATER FOR 15 MIN. SKIN: REMOVE ANY METAL FRAGMENTS & FLUSH W/WATER FOR 15 MIN. REMOVE CONTAMINATED CLOTHING & LAUNDRY BEFORE REUSE. INGESTED: (BATTERY OR CONTENTS) GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING.

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

Extinguishing

Media: FLOOD W/WATER. DO NOT USE CARBON MONOXIDE (CARBON DIOXIDE?) OR HALON. USE WATER W/CAUTION DUE TO BURNING PIECES OF LI.

Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS

Unusual Fire/Explosion Hazard: DAMAGED OR OPENED BATTERIES CAN RESULT IN RAPID HEATING. THESE PLUS FIRE OR HIGH TEMPERATURES MAY CAUSE BATTERY TO FLAME OR LEAK FLAMMABLE OR HAZARDOUS VAPORS.

=====

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

Spill Release Procedures:NOT APPLICABLE.

Neutralizing Agent:MFR GAVE NO INFORMATION OF MSDS.

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

Handling and Storage Precautions:STORE IN COOL DRY PLACE. STORE