

EASTMAN KODAK COMPANY -- KODAK PHOTOLIFE PHOTO/ELECTRONIC BATTERY SIZE:
IEC-4LR44, -- 6135-00-826-4798

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Product Identification
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Product ID:KODAK PHOTOLIFE PHOTO/ELECTRONIC BATTERY SIZE: IEC-4LR44,

MSDS Date:10/25/1990

FSC:6135

NIIN:00-826-4798

Status Code:A

MSDS Number: CKZTR

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:N

Y

ZIP:14650

Country:US

Info Phone Num:716-722-5151

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

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Composition/Information on Ingredients
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Ingred Name:POTASSIUM HYDROXIDE (AQUEOUS SOLUTION CONCENTRATION: 43%)

Fraction by Wt: 2.6%

Ingred Name:MANGANESE DIOXIDE

RTECS #:MP1000017

Fraction by Wt: 23.9%

Ingred Name:MERCURY

CAS:7439-97-6

RTECS #:OV4550000

= Wt:.17

OSHA PEL:SEE TABLE Z-2

ACGIH TLV:0.025 MG/M3

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:ZINC

CAS:7440-66-6

RTECS #:ZG8600000

= Wt:5.5

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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First Aid:ELECTROLYTE CONTACT SKIN - IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF SYMTOMS ARE PRESENT AFTER FLUSHING, GET MEDICAL ATTENTION. EYES - IMMEDIATELY FLUSH WITH PLENTY OF WAT ER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. BATTERY INGESTION: OBTAIN IMMEDIATE MEDICAL ATTENTION.

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

Extinguishing Media:USE AN EXTINGUISHING MEDIUM APPROPRIATE FOR THE SURROUNDING FIRE.

Fire Fighting Procedures:USE A POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS IF BATTERIES ARE INVOLVED IN A FIRE. FULL PROTECTIVE CLOTHING IS NECESSARY.

Unusual Fire/Explosion Hazard:BATTERIES MAY RELEASE TOXIC VAPORS AND/OR IRRITATING FUMES IF EXPOSED TO FIRE OR HIGH TEMPERATURES. BATTERIES MAY VENT AND/OR EXPLODE IF EXPOSED TO EXCESSIVE HEAT OR FIRE.

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

Spill Release Procedures:SP

ILL RELEASE PROCEDURES: NK NEUTRALIZING AGENT: NK WASTE DISPOSAL METHOD: CONSULT LOCAL, STATE AND FEDERAL ENVIRONMENTAL PROTECTION AUTHORITIES FOR THE MOST CURRENT REGULATIONS REGARDING DISPOSAL OF BATTERIES.

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

Handling and Storage Precautions:DO NOT STORE BATTERIES IN A MANNER THAT ALLOWS TERMINALS TO SHORT CIRCUIT. STORE BATTERIES IN A COOL (BELOW 70F), DRY AREA THAT IS SUBJECT TO LITTLE TEMPERATURE CH ANGE.

DO NOT PLACE NEAR HEATING EQU IPMENT, NOR EXPOSE TO DIRECT SUNLIGHT FOR LONG PERIODS. *

Other Precautions:*ELEVATED TEMPERATURES CAN RESULT IN REDUCED BATTERY SERVICE LIFE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NP

Supplemental Safety and Health

===== Toxicological Information =====

Toxicological Information:THE MATERIALS IN THIS MSDS MAY ONLY REPRESENT A HAZARD IF THE INTEGRITY OF THE BAT

TERY IS COMPROMISED.

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===== Ecological Information =====

Ecological:THESE BATTERIES ARE NOT DESIGNED TO BE RECHARGED. CHARGING A BATTERY MAY RESULT IN ELECTROLYTE LEAKAGE AND/OR EXPLOSION. NEVER DISASSEMBLE A BATTERY. SHOULD A BATTERY UNINTENTIONALLY BE CRUSHED THUS RELEASING ITS CONTENTS, RUBBER GLOVES MUST BE USED TO HANDLE ALL BATTERY COMPONENTS. IN THE EVENT OF SKIN OR EYE EXPOSURE TO THE ELECTROLYTE REFER TO FIRST AID INFORMATION. BATTERY SHORT CIRCUIT: MORE THAN A MOMENTARY SHORT CIRCUIT WILL GENERALLY REDUCE THE BATTERY SERVICE LIFE. EXTENDED SHORT CIRCUITING CREATES HIGH TEMPERATURES IN THE CELL. HIGH TEMPERATURES CAN CAUSE SKIN BURNS AND CAUSE THE CELL TO VENT OR EXPLODE.**

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===== Disposal Considerations =====

Waste Disposal Methods:WASTE DISPOSAL METHOD: CONSULT LOCAL, STATE AND FEDERAL ENVIRONMENTAL PROTECTION AUTHORITIES FOR THE MOST CURRENT REGULATIONS REGARDING DISPOSAL OF BATTERIES. DO NOT INCINERATE OR EXPOSE BATTERIES TO FIRE. STORAGE AND HANDLING:

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===== MSDS Transport Information =====

Transport Information:**MIXED BATTERIES AND TYPES: THE USE OF OLD AND NEW BATTERIES OR BATTERIES OF VARYING SIZES AND TYPES IN THE SAME BATTERY ASSEMBLY SHOULD BE AVOIDED. THE BATTERIES ELECTRICAL CHARACTERISTICS AND CAP ABILITIES VARY AND DAMAGE MAY RESULT TO THE BATTERIES OR ELECTRICAL EQUIPMENT. BATTERY CONNECTION: USE NICKEL PLATED STEEL (OR STAINLESS STEEL) FOR POWER TERMINAL CONTACTS. DO NOT DIRECTLY SOLDER TO THE BATTERY. MAY CAUSE VENTING AND/OR EXPLOSION. BATTERY ENCASMENT: AVOID ENCASING BATTERIES IN AIRTIGHT COMPARTMENTS. FLAMMABLE HYDROGEN GAS, NORMALLY GENERATED, CAN FORM EXPLOSIVE MIXTURES.** *

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===== Other Information =====

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