

EASTMAN KODAK COMPANY -- KODAK PHOTOLIFE PHOTO/ELECTRONIC BATTERY SIZE:
IEC-MR9,KX13 -- 6135-00-900-2139

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

Product ID:KODAK PHOTOLIFE PHOTO/ELECTRONIC BATTERY SIZE: IEC-MR9,KX13

MSDS Date:10/30/1990

FSC:6135

NIIN:00-900-2139

Status Code:A

MSDS Number: CKZSG

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

Info Phone Num:716-722-5151

Emergency Phone Num:7167225151

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:MERCURIC OXIDE

RTECS #:MD1007952

Fraction by Wt: 33.6%

Ingred Name:SODIUM HYDROXIDE

CAS:1310-73-2

RTECS #:WB490

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= Wt:2.4
OSHA PEL:2 MG/M3
ACGIH STEL:C2 MG/M3
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:MERCURY
CAS:7439-97-6
RTECS #:OV4550000
= Wt:1.1
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:9.
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Medical Cond Aggravated by Exposure:

===== First Aid Measures =====
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First Aid:ELECTROLYTE CONTACT: SKIN: IMMEDIATELY FLUSH WITH PLENTY OF
WATER FOR AT LEAST 15
MINUTES. IF SYMPTOMS ARE PRESENT AFTER FLUSHING, GET MEDICAL ATTENTION.
EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATE R 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.

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

Handling and Storage Precautions:DO NOT STORE BATTERIES IN A MANNER THAT ALLOWS TERMNLS TO SHORT CIRCUIT. STORE BATTERIES IN A COOL (BELOW 70F), DRY AREA THAT IS SUBJCT TO LITTLE TEMP CHANGE. DO NOT PLACE NEAR HEATING EQPMENT, NOR EXPSE TO DIRCT SUNLIGHT FOR LONG PERIODS. ELEVATED TEMPS CAN RESLT IN REDCED BATTERY SERVCE LIFE.

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

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:N1

Appearance and Odor:9-VOLT BATTERY, RECTANGULAR WITH ROUNDED CORNERS, SNAP-ON TERMINALS.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES IF HYDROGEN GAS IS PRESENT, SHORT CIRCUITS, HIGH TEMPERATURE, OR STATIC SPARKS CAN CAUSE AN IGNITION.

Stability Condition to Avoid:HIGH TEMPERATURE, ENCAPSULATION, PROLONGED SHORT CIRCUITS. DO NOT OBSTRUCT SAFETY RELEASE VENTS ON BATTERIES.

Hazardous Decomposition Products:HYDROGEN, POTASSIUM HYDROXIDE.

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

Toxicological Information: BATTERY CHARGING: THESE BATTERIES ARE NOT DESIGNED TO BE RECHARGED. CHARGING A BATTERY MAY RESULT IN ELECTROLYTE LEAKAGE AND/OR EXPLOSION. BATTERY DISASSEMBLY: 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. *

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

Ecological: *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. **

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

Waste Disposal Methods: 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.

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

Transport Information: **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 CAPABILITIES VARY AND DAMAGE MAY RESULT TO THE BATTERIES OR ELECTRICAL EQUIPMENT. USE NICKEL PLATED STEEL (OR STAINLESS STEEL) FOR POWER TERMINAL CONTACTS. DO NOT DIRECTLY SOLDER TO THE BATTERY. MAY CAUSE VENTING AND/OR EXPLOSION. ***

===== Regulatory Information =====

SARA Title III Information: 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 CAPABILITIES VARY AND DAMAGE MAY RESULT TO THE BATTER

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ELECTRICAL EQUIPMENT. USE NICKEL PLATED STEEL (OR STAINLESS STEEL) FOR POWER TERMINAL CONTACTS. DO NOT DIRECTLY SOLDER TO THE BATTERY. MAY CAUSE VENTING AND/OR EXPLOSION. AVOID ENCASING BATTERIES IN AIRTIGHT COMPARTMENTS. FLAMMABLE HYDROGEN GAS, NORMALLY GENERATED, CAN FORM EXPLOSIVE MIXTURES. PROVISIONS FOR VENTING MUST BE PROVIDED. NEVER COMPLETELY ENCAPSULATE A BATTERY. TO DO SO WILL INHIBIT THE SA

State Regulatory Information:

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

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