

EASTMAN KODAK COMPANY -- KODAK PHOTOLIFE ELECTRONIC BATTERY, IEC-4LR434, K28A --
6135-00-900-2139

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

Product ID:KODAK PHOTOLIFE ELECTRONIC BATTERY, IEC-4LR434, K28A

MSDS Date:08/25/1992

FSC:6135

NIIN:00-900-2139

Status Code:A

MSDS Number: CKZRZ

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Co

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:POTASSIUM HYDROXIDE (AQUEOUS SOLUTION CONCENTRATION: 43%)

RTECS #:PS1006506

Fraction by Wt: 2.6%

Ingred Name:MANGANESE DIOX

IDE
RTECS #:MP1000173
Fraction by Wt: 23.9%

Ingred Name:MERCURY, ETHYL(HYDROGEN O-MERCAPTOBENZOATO)-, SODIUM SALT
RTECS #:MD1007952
Fraction by Wt: .17%

Ingred Name:ZINCON
RTECS #:ZA1000542
Fraction by Wt: 5.5%

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

Medical Cond Aggravated by Exposure:

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

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

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

Handling and Storage Precautions:CONSULT LOCAL, STATE AND FEDERAL ENVIRONMENTAL PROTECTION AUTHORITIES FOR THE MOST CURRENT REGULATIONS REGARDING DISPOSAL OF BATTERIES. DO NOT INCINERATE OR EXPOSE BA

BATTERIES TO FIRE.

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

Respiratory Protection:NOT NEEDED IN NORMAL SERVICE.

Ventilation:NO SPECIAL REQUIREMENTS.

Protective Gloves:NEOPRENE OR NBR FOR LEAKERS.

Eye Protection:SAFETY GLASSES WITH SIDESHIELDS (LEAKER)

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:USE REASONABLE CARE IN HANDLING THIS PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health
NONE

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

HCC:N1

Solubility in Water:INSOLUBLE

Appearance and Odor:9V BATTERY

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

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:STATIC,SPARKS,FIRE.DO NOT CHARGE.DO NOT REVERSE POLARITY.AVOID PHYSICAL DAMAGE.

Hazardous Decomposition Products:BATTERIES NORMALLY EVOLVE HYDROGEN GAS WHICH IS EXPLOSIVE OR FLAMMABLE WITH AIR.

===== 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 A ID 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 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. 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:

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

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