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EASTMAN KODAK COMPANY -- KODAK SUPRALIFE ALKALINE BATTERY SIZE: KD (1.5V) IEC-LR20 -- 6135-00-900-2139

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

Product ID:KODAK SUPRALIFE ALKALINE BATTERY SIZE: KD (1.5V) IEC-LR20
MSDS Date:03/03/1992
FSC:6135
NIIN:00-900-2139
Status Code:A
MSDS Number: CKZSH
=== 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:POTASSIUM HYDROXIDE (AQUEOUS SOLUTION CONCENTRATION: 37% - 43%) (AQUEOUS SOLUTION PH: 11.5-12.0)
RTECS #:PS
1006506
Fraction by Wt: 5%

Ingred Name:MERCURY
CAS:7439-97-6
RTECS #:OV4550000
Fraction by Wt: .001%
OSHA PEL:SEE TABLE Z-2
ACGIH TLV:0.025 MG/M3
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

Medical Cond Aggravated by Exposure:

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

First Aid:SKIN: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF SYMPTOMS
ARE PRESENT AFTER FLUSHING, GET MEDICAL ATTE

NTION. EYES: IMMEDIATELY
FLUSH WITH
PLENTY OF WATER FOR AT LEAST 15 MIN UTES 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 PROTIVE CLOTHING IS NECESSARY.
Unusua
l Fire/Explosion Hazard:BATTERIES MAY RELEASE TOXIC MERCURY VAPORS AND/OR IRRITATING POTASSIUM HYDROXIDE FUMES IF EXPOSED TO FIRE OR HIGH TEMPERATURES. BATTERIES MAY VENT 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
PL
ACE NEAR HEATING EQPMENT, NOR EXPSE TO DIRCT SUNLIGHT FOR LONG PERIODS. ELEVATED
TEMPS CAN RESULT IN REDCED BATTERY SERVCE LIFE.

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

Supplemental Safety and Health
**LITHIUM-X: (CLASS D EXTINGUISHING MEDIA) IS EFFECTIVE ON FIRES INVOLVING ONLY A FEW POWER CELLS.

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

HCC:N1
Solubility in Water:INSOLUBLE
Appearance and Odor:9V BATTERY

========== Sta

bility 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:ALKALINE BATTERIES ARE NOT DESIGNED TO BE RECHAR
GED. CHARGING AN ALKALINE BATTERY MAY RESULT IN ELECTROLYTE LEAKAGE AND/OR VENTING. 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 ELECTROLYT 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.**

========== 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 Inform
ation ==========

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 CHARACTERIESTICS AND CAPABILITIES VARY AND DAMAGE M AY RESULT TO THE BATTERIES OR ELECTRICAL EQUIPMENT.***

========== 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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