

EASTMAN KODAK COMPANY -- KODAK ALKALINE BATTERY (KAA, KAA-P TYPE) -- 6135-00-985-7845

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Product Identification
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Product ID:KODAK ALKALINE BATTERY (KAA, KAA-P TYPE)

MSDS Date:10/08/1994

FSC:6135

NIIN:00-985-7845

MSDS Number: BVGMY

=== 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

E

mergency 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:MANGANESE DIOXIDE

CAS:1313-13-9

RTECS #:OP0350000

Fraction by Wt: 35-40%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG MN/M3 CEILING

ACGIH TLV:5 MG MN/M3

Ingr

ed Name:ZINC (SARA III)
CAS:7440-66-6
RTECS #:ZG8600000
Fraction by Wt: 15-20%
Other REC Limits:NONE RECOMMENDED
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM HYDROXIDE (SARA III)
CAS:1310-58-3
RTECS #:TT2100000
Fraction by Wt: 5-10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C, 2 MG/M3
ACGIH TLV:C 2 MG/M3; 9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:GRA
PHITE, NATURAL
CAS:7782-42-5
RTECS #:MD9659600
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MPPCF; Z-3
ACGIH TLV:2 MG/M3 RDUST; 9394

Ingred Name:BASE METAL FE, NI PLATED
Fraction by Wt: 15-20%
Other REC Limits:NONE RECOMMENDED

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

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

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

Ingred Name:METALI

ZED PLASTIC LABEL

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:IF BATTERY CONTENTS ARE RELEASED:

INHALATION- MAY CAUSE IRRITATION TO THE MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT. EYES & SKIN- CAUSES BURNS. VAPORS OR FUMES MAY CAUSE IRRITATION. INGESTION- MAY

CAUSE BURNS OF THE

GASTROINTESTINAL TRACT.

Effects of Overexposure:CONTACT WITH ELECTROLYTE CAUSES BURNS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:FOR CONTENTS OF BATTERIES: INHALATION- MOVE TO FRESH AIR.

TREAT SYMPTOMATICALLY. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.

EYES- IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15

MINUTES. GET MEDICAL ATTENTION. SKIN- IMMEDIATELY REMOVE FRAGMENTS

AND FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MIN. INGESTION- CALL

A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. DO NOT INDUCE

VOMITING.

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

Extinguishing Media:USE APPROPRIATE AGENT FOR ADJACENT FIRE.

Fire Fighting Procedures:FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS

DECOMPOSITION PRODUCTS. WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion

Hazard:FIRE OR HIGH TEMPERATURES MAY CAUSE

BATTERY TO VENT AND/OR EXPLODE OR LEAK HAZARDOUS VAPORS. DAMAGED OR OPENED BATTERIES CAN RESULT IN RAPID HEATING.

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

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT AND FLAME. DO NOT

RECHARGE. AVOID THE USE OF OLD AND NEW BATTERIES OR BATTERIES OF

VARYING SIZES AND TYPES IN THE SAME ASSEMBLY.

Other Precautions:AVOID REVERSING POLARITY WITHIN A DEVICE OR A BATTERY ASSEMBLY. STORE IN A COOL, DRY PLACE. PROTECT FROM DIRECT SUNLIGHT. STORAGE ABOVE 21C MAY AFFECT PRODUCT QUALITY.

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

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:SUPPLEMENTAL VENTILATION MAY BE NEEDED IN SPECIAL CIRCUMSTANCES TO CONTROL FUMES/VAPORS TO AN ACCEPTABLE LEVEL.

Protective Gloves:

es:IMPERVIOUS GLOVES.

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment:WASHING FACILITIES.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING IF CONTENTS OF BATTERY ARE RELEASED.

Supplemental Safety and Health

VAPORS/FUMES FROM DAMAGED BATTERIES MAY CAUSE RESPIRATORY TRACT IRRITATION DAMAGED BATTERIES MAY CAUSE SKIN AND EYE BURNS.

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:NA/

Solubility in Water:

r:INSOLUBLE

Appearance and Odor:ODORLESS SOLID.

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

Stability Indicator/Materials to Avoid:YES

NONE WITH COMMON MATERIALS AND CONTAMINANTS WITH WHICH THE MATERIAL MAY REASONABLY COME INTO CONTACT.

Stability Condition to Avoid:HIGH TEMPERATURES.

Hazardous Decomposition Products:WILL NOT OCCUR.

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

Waste Disposal Methods:DO NOT INCINERATE OR EXPOSE TO FIRE. DISCHARGE,

TREATMENT, OR DISPOSAL MAY BE SUBJECT TO NATIONAL, STATE OR LOCAL LAWS.

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