

DURACELL INC -- ALKALINE MANGANESE DIOXIDE CELL -- 6135-00-826-4798

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Product Identification
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Product ID:ALKALINE MANGANESE DIOXIDE CELL

MSDS Date:06/15/1992

FSC:6135

NIIN:00-826-4798

MSDS Number: BQXVB

=== Responsible Party ===

Company Name:DURACELL INC

Address:BERKSHIRE INDUSTRIAL PARK BLDG 9

City:BETHEL

State:CT

ZIP:06801

Country:US

Info Phone Num:203-796-4000/617-449-7600

Emergency P

hone Num:203-796-4000/617-449-7600

Preparer's Name:J.DONAHUE/G.WALLACE

CAGE:GO384

=== Contractor Identification ===

Company Name:DURACELL INC

Address:BERKSHIRE INDUSTRIAL PK BLDG 9

City:BETHEL

State:CT

ZIP:06801-5000

Country:US

Phone:203-796-4292/617-449-7600

CAGE:GO384

Company Name:DURACELL INC TECHNICAL SALES AND MARKETING GROUP

Address:BERKSHIRE CORPORATE PARK

Box:City:BETHEL

State:CT

ZIP:06801

Country:US

Phone:203-796-4000

CAGE:90303

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Composition/Information on Ingredients =

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Ingred Name:POTASSIUM HYDROXIDE (SARA III)

CAS:1310-58-3

RTECS #:TT2100000

Fraction by Wt: 8.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C, 2 MG/M3

ACGIH TLV:C 2 MG/M3; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:MANGANESE DIOXIDE (AS MANGANESE)

CAS:1313-13-9

RTECS #:OP0350000

Fraction by Wt: 37.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C, 5 MG/M3

ACGIH TLV:5 MG/M3 DUST/1 FUME

Ingred Name:ZINC (SARA III)

CAS:7440-66-6

RTECS #:ZG8600000

Fraction by Wt: 15.0%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 MG ZNO/M3

ACGIH TLV:10 MG ZNO/M3; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:MERCURY (SARA III);MANUFACTRER STATES NONE ADDED

CAS:7439-97-6

RTECS #:OV4550000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:S, C, 0.1 MG/M3

ACGIH TLV:S, 0.05 MG/M3; 9293

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

===== 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:THIS ITEM IS AN ARTICLE.THE HAZARDS LISTED ARE FOR KOH AND ZN.SKIN:KOH CAN CAUSE BURNS.EYES:KOH CAN CAUSE PERMANENT INJURY.INHAL:FUMES FROM ZN(WHEN HEATED) ARE TOXIC.

Explanation of Carcinogenicity:NOT APPLICABLE.

Effects of Overexposure:SKIN/EYES:BURNS.INHAL:METAL FUME SYMPTOMS(FROM HEATED ZINC).

Medical Cond Aggravated by Exposure:MANUFACTURER STATES NONE KNOWN.

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===== First Aid Measures =====
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First Aid:SKIN:FLUSH WITH WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.CALL PHYSICIAN.INHAL:REMOVE FROM EXPOSURE.CALL PHYSICIAN.INGEST:CALL POISON CONTROL CENTER OR PHYSICIAN.

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===== Fire Fighting Measures =====
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Extinguishing Media:ITEM IS NON-FLAMMABLE.USE APPROPRIATE MEDIA FOR SURROUNDING FIRE.

Fire Fighting Procedures:HMIS SUGGESTS TO USE A SELF-CONTAINED BREATHING APPARATUS WHENEVER FIGHTING A CHEMICAL FIRE.

Unusual Fire/Explosion Hazard:CELLS MAY RELEASE TOXIC ZINC FUMES.

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===== Accidental Release Measures =====
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Spill Release Procedures:ABSORB LEAKERS WITH PAPER TOWEL OR INERT ABSORBANT;AVOID SKIN AND EYE CONTACT;PLACE IN AN APPROPRIATE CONTAINER FOR DISPOSAL.CAREFULLY!WASH SPILL AREA WITH WATER.

Neutralizing Agent:NONE

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===== Handling and Storage =====
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Handling and Storage Precautions:STORE AT ROOM TEMPERATURE.AVOID MECHANICAL,ELECTRICAL OR PHYSICAL DAMAGE.FOR LEAKERS USE RUBBER,NEOPRENE OR LATEX-NITRILE GLOVES.

Other Precautions:DO NOT RECHARGE.FOLLOW APPLIANCE INSTRUCTIONS FOR INSTALLATION.REPLACE ALL BATERIES AT THE SAME TIME.DO NOT MIX BATTERY TYPES.

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===== Exposure Controls/Personal Protection =====
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Respiratory Protection:USE A SELF-CONTAINED BREATHING APPARATUS WHENEVER A LARE NUMBER OF CELLS ARE INVOLVED IN A FIRE.

Ventilation:SUBSEQUENT TO A FIRE USE AS MUCH VENTILATION AS POSSIBLE.
Protective

Gloves:NEOPRENE,RUBBER,LATEX-NITRILE
Eye Protection:SAFETY GLASSES FOR LEAKERS.
Other Protective Equipment:MANUFACTURER STATES NONE.
Work Hygienic Practices:USE PRUDENT HYGENIC AND SANITARY PRACTICES.
Supplemental Safety and Health
NONE

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

HCC:N1
Solubility in Water:INSOLUBLE
Appearance and Odor:CYLINDRICAL BATTERY,C-SIZE

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

Stability Indicator/Materials to Avoid:
d:YES
NOT REPORTED.
Stability Condition to Avoid:HEAT ...DISASSEMBLY,RECHARGING.
Hazardous Decomposition Products:WHEN HEATED,CELLS RELEASE TOXIC ZINC
VAPORS AND POTASSIUM HYDROXIDE.

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

Waste Disposal Methods:SMALL NUMBERS OF CELLS CAN BE DISPOSED OF AS
HOUSEHOLD TRASH.LEAKERS ARE CONSIDERED HAZARDOUS WASTE.DO NOT
INCINERATE.FOLLOW APPLICABLE FEDERAL,STATE AND LOCAL REGULATIONS.

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