

DURACELL INC TECHNICAL SALES & MARKETING GROUP -- ALKALINE MANGANESE DIOXIDE CELL BATTERY -- 6135-00-985-7845

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Product Identification
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Product ID:ALKALINE MANGANESE DIOXIDE CELL BATTERY

MSDS Date:09/26/1990

FSC:6135

NIIN:00-985-7845

MSDS Number: BMWJV

=== Responsible Party ===

Company Name:DURACELL INC TECHNICAL SALES & MARKETING GROUP

Address:BERKSHIRE INDUSTRIAL PARK BLDG 9

City:BETHE

L

State:CT

ZIP:06801

Country:US

Info Phone Num:203-796-4000

Emergency Phone Num:203-796-4000 OR 617-449-7600

CAGE:90303

=== Contractor Identification ===

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%

Other R

EC Limits:NONE SPECIFIED

OSHA PEL:C, 2 MG/M3 *

ACGIH TLV:C 2 MG/M3; 9192 *

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:MANGANESE DIOXIDE

CAS:1313-13-9

RTECS #:OP0350000

Fraction by Wt: 37%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG MN/M3 CEILING

ACGIH TLV:5 MG MN/M3

Ingred Name:ZINC (SARA III) *

CAS:7440-66-6

RTECS #:ZG8600000

Fraction by Wt: 15%

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 MG ZNO/M3 *

Name:MERCURY (SARA III) *
CAS:7439-97-6
RTECS #:OV4550000
Fraction by Wt: 0.025%
Other REC Limits:NONE SPECIFIED
OSHA PEL:S, C, 0.1 MG/M3 *
ACGIH TLV:S, 0.05 MG/M3; 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:PRODUCT IS AN ARTICLE AND IS NOT
HAZARDOUS UNTIL THE OUTER CASE IS BREECHED. HE
ALTH DATA IS GIVEN
FOR THIS UNLIKELY OCCURANCE. POTASSIUM HYDROXIDE IS CORROSIVE TO
BODY TISSUES, CAUSING CHEMICAL BURNS.
Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS
LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.
Effects of Overexposure:IRRITATION OF THE CONTACTED BODY PARTS, I.E.
EYES, SKIN, RESPIRATORY OR G/I TRACT.
Medical Cond Aggravated by Exposure:ACUTE CONTACT SHOULD NOT AGGRAVATE
ANY MEDICAL CONDITION.

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===== First Aid Mea
sures =====

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP
& WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE.
INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING IF NECESSARY.
INGESTED:DO NOT INDUCE VOMITING. GIVE 2 LARGE GLASSES OF MILK OR
WATER AND GET IMMEDIATE MEDICAL CARE. GIVE NOTHING BY MOUTH IF
UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE,SEE A DOCTOR.

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

Flash Point:NON-FLAMMABLE
Extinguishing Media:PRODUCT IS NON FLAMMABLE. EXTINGUISH FIRE WITH
MEDIA APPROPRIATE FOR SOURCE OF FIRE.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE RUPTURE
OF THE CASE AND RELEASE OF HAZARDOUS DECOMPOSITION PRODUCTS
(MERCURY VAPOR).

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

Spill Release Procedures:WHEN HANDLING LEAKING CELLS, AVOID CONTACT. SOAK UP WITH CLOTH OR PAPER TOWEL OR INERT ABSORBENT. PUT IN DISPOSAL CONTAINER. REMOVE RESIDUE WITH WATER.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL, DRY, AREA. AVOID MECHANICAL OR ELECTRICAL ABUSE. USE IMPERVIOUS GLOVES TO HANDLE LEAKERS.

Other Precautions:DO NOT ATTEMPT TO RECHARGE. DO NOT INCINERATE. INSTALL IN ACCORDANCE WITH EQUIPMENT INSTRUCTIONS AND REPLACE ALL CELLS AT THE SAME TIME. DO NOT MIX BATTERY SYSTEMS IN THE SAME EQUIPMENT. DO NOT CARRY LOOSE IN POCKET OR BAG.

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

Respiratory Protection:USE SELF CONTAINED BREATHING APPARATUS IN EVENT OF FIRE. OTHERWISE NO PROTECTION IS NECESSARY.

Ventilation:NORMAL ROOM VENTILATION IS SUFFICIENT.

Protective Gloves:IMPERVIOUS WHEN HANDLING LEAKERS.

Eye Protection:SAFETY GLASSES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER WHEN WORKING WITH LEAKING CELLS.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT WITH ANY OF THE CONTENTS.

Supplemental Safety and Health
MFR STATES THAT THEIR CELLS ARE NOT HAZARDOUS ITEMS AS DEFINED BY PREVAILING LAW. THIS MSDS COVERS MFR'S PART NUMBERS5K69, 7K67, MN1300, MN1400, MN1500, MN2400, MN9100, MN908, MN918, MN1604 AND BATTERIES COMPRISED OF THESE CELLS.

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

HCC:N1
Appearance and Odor:METAL CASE DRY CELL BATTERY

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

Stability Indicator/Materials to Avoid:YES
NONE GIVEN BY MANUFACTURER (SUPPLIER).
Stability Condition to Avoid:HIGH TEMPERATURES, AND OPEN FLAMES. DO NOT DISASSEMBLE CASE.
Hazardous Decomposition Products:MERCURY VAPOR

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=== Disposal Considerations =====

Waste Disposal Methods:DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL REGULATIONS. MANUFACTURER SUGGESTS THAT PRODUCT MAY BE TREATED AS ORDINARY WASTE. OPEN CELLS IN LARGE QUANTITIES SHOULD BE HANDLED AS HAZARDOUS WASTE. DO NOT INCINERATE!!!

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