

BATTERY TECHNOLOGY COMPANY -- PRIMARY BATTERY,MERCURY BA1328/U -- 6135-00-274-4035

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

Product ID:PRIMARY BATTERY,MERCURY BA1328/U

MSDS Date:09/09/1984

FSC:6135

NIIN:00-274-4035

MSDS Number: BPYGV

=== Responsible Party ===

Company Name:BATTERY TECHNOLOGY COMPANY

Address:NEW HIGHWAY 64E

Box:305

City:LEXINGTON

State:NC

ZIP:27292-2037

Country:US

Info Phone Num:704-249-9101

Emergency Phone Num:704-249-9101

CAGE:06121

=== Contractor I

dentification ===

Company Name:BATTERY TECHNOLOGY COMPANY (WAS MALLORY BATTERY CO

Box:305

CAGE:06121

Company Name:DURACELL USA (ALIAS BATTERY TECHNOLOGY COMPANY)

Address:305 NEW HIGHWAY 64 EAST

Box:City:LEXINGTON

State:NC

ZIP:27292-2037

Country:US

Phone:617-449-7600

CAGE:2A917

===== Composition/Information on Ingredients =====

Ingred Name:POTASSIUM HYDROXIDE (SARA III).1.8 G;BP 2408F;VP 1 MMHG @  
719C;SPEC GRAV 2.04 (WATER=1);SOL IN WATER 107 G/100 CC.

CAS:1310-58-3

RTECS

#:TT2100000

Fraction by Wt: 4.5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:2 MG/M3 CEILING

ACGIH TLV:2 MG/M3 CEILING

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:MERCURIC OXIDE (SARA III).17.6 G;SPEC GRAVITY 3.97  
(WATER=1).OSHA PEL IS CEILING VALUE.

CAS:21908-53-2

RTECS #:OW8750000

Fraction by Wt: 44.0%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.1 MG(HG)/M3 SKIN

ACGIH TLV:0.1 MG(HG)/M3 SKIN

Ingred Name:MERCURY (SARA III).4.0 G;BP 674F;VP 1 MMHG @ 186C;SPEC  
GRAVITY 13.6 (WATE

R=1).OSHA PEL IS CEILING VALUE.  
CAS:7439-97-6  
RTECS #:OV4550000  
Fraction by Wt: 1.0%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:0.1 MG(HG)/M3 SKIN  
ACGIH TLV:0.05 MG/M3 SKIN  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

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

LD50 LC50 Mixture:NOT KNOWN  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SEE SIGNS AND SYMPTOMS OF  
OVEREXPOSURE.  
Explanation o  
f Carcinogenicity:NONE  
Effects of Overexposure:EYES:POTASSIUM HYDROXIDE IS CAUSTIC CAUSING  
DAMAGE TO EYE.SKIN:POTASSIUM HYDROXIDE IS CAUSTIC CAUSING DAMAGE TO  
SKIN.  
Medical Cond Aggravated by Exposure:NOT KNOWN

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

First Aid:EYES:FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15  
MINUTES AND SEE PHYSICIAN.SKIN:WASH WITH WATER IMMEDIATELY.

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

Lower Limi  
ts:NOT KNOWN  
Upper Limits:NOT KNOWN  
Extinguishing Media:NOT KNOWN  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS (SCBA)  
AND FULL TURNOUT GEAR WHEN BATTERIES ARE IN FIRE.  
Unusual Fire/Explosion Hazard:CAN EXPLODE WHEN SUBJECTED TO EXCESSIVE  
HEAT.

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

Spill Release Procedures:NOT KNOWN  
Neutralizing Agent:NOT KNOWN

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

Handling and Storage Pr

Precautions:STORE AT ROOM TEMPERATURE.

Other Precautions:DO NOT BURN,CAN EXPLODE WHEN SUBJECTED TO EXCESSIVE HEAT.

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

Respiratory Protection:CONTACT LOCAL SAFETY/INDUSTRIAL HYGIENE OFFICE TO DETERMINE IF RESPIRATORY PROTECTION IS REQUIRED .

Ventilation:CONTACT LOCAL SAFETY/INDUSTRIAL HYGIENE OFFICE TO DETERMINE IF LOCAL EXHAUST VENTILATION IS NEEDED .

Protective Gloves:NEOPRENE,RUBBER,LATEX-NITRILE GLOVES.

Eye Protection:

CHEMICAL SAFETY GOGGLES .

Other Protective Equipment:NOT KNOWN

Work Hygienic Practices:AVOID SKIN AND EYE CONTACT.

Supplemental Safety and Health

DIMENSIONS OF BATTERIES:GROSS WEIGHT (LB):0.088;OUTSIDE PACKAGE

DIMENSIONS (INCHES):1.95(L),0.622(OD).

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

Boiling Pt:B.P. Text:NOT KNOWN

Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Decomp Temp:Decomp Text:NOT KNOWN

Vapor Pres:NOT KNOWN

Vapor Density:NOT KNOWN

Spec Gravity:NOT KNOWN

Evaporation

Rate & Reference:NOT KNOWN

Solubility in Water:NOT KNOWN

Appearance and Odor:POTASSIUM HYDROXIDE:CLEAR

LIQUID.MERCURY:SILVER.MERCURY OXIDE:ORANGE POWDER.

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

Stability Indicator/Materials to Avoid:YES

NOT KNOWN

Stability Condition to Avoid:TEMPERATURES ABOVE 500F.

Hazardous Decomposition Products:MERCURIC OXIDE ON EXPOSURE TO LIGHT OR 500F DECOMPOSES TO OXYGEN AND MERCURY.

Conditions to Avoid Polymerization:WI

LL NOT OCCUR.

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

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH  
FEDERAL,STATE,AND LOCAL REGULATIONS.COORDINATE WITH SUPPORTING  
INSTALLATION AND/OR MACOM ENVIRONMENTAL OFFICE PRIOR TO DISPOSAL  
.DO NOT DISCARD.CONTACT LOCAL DEFENSE PROPERTY DISPOSAL OFFICE  
(DPDO).

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