

BREN-TRONICS,INC. -- PRIMARY BATTERY,MERCURY BA1373/U -- 6135-00-715-4001  
===== Product Identification =====

Product ID:PRIMARY BATTERY,MERCURY BA1373/U

MSDS Date:05/25/1984

FSC:6135

NIIN:00-715-4001

MSDS Number: BPRJS

=== Responsible Party ===

Company Name:BREN-TRONICS,INC.

Address:10 BRAYTON COURT

City:COMMACK

State:NY

ZIP:11725

Country:US

Info Phone Num:516-499-5155

Emergency Phone Num:516-499

-5155

CAGE:LO427

=== Contractor Identification ===

Company Name:BREN-TRONICS INC

Address:10 BRAYTON CT

Box:City:COMMACK

State:NY

ZIP:11725-3104

Country:US

Phone:631-499-5155

CAGE:51828

Company Name:BREN-TRONICS,INC.

Address:10 BRAYTON COURT

Box:City:COMMACK

State:NY

ZIP:11725

Country:US

Phone:516-499-5155

CAGE:LO427

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

Ingred Name:POTASSIUM HYDROXIDE (SARA III).2.66 G;BP 2408F;VP 1 MMHG @  
719C;SPEC GRAV 2.04 (WATER=1);SOL IN

WATER;% VOLATILE 43.8.  
CAS:1310-58-3  
RTECS #:TT2100000  
Fraction by Wt: 10.0%  
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).10.84 G;SPEC GRAVITY 3.97  
(WATER=1);SOL NEGLIGIBLE IN WATER.OSHA PEL IS CEILING VALUE.

CAS:21908-53-2  
RTECS #:OW8750000  
Fraction by Wt: 40.8%  
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).0.32 G;BP 674F;VP 1 MMHG @ 186C;SPEC  
GRAV 13.6 (WATER=1);SOL IN WATER NEGLIGIB.OSHA PEL CEILING VALUE

CAS:7439-97-6  
RTECS #:OV4550000  
Fraction by Wt: 5.0%  
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

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===== 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 of 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

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

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

Y.

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

Lower Limits: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.

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

Spill Release Procedures:NOT KNOWN

Neutralizing Agent:NOT KNOWN

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

Handling and Storage Precautions:STORE AT ROOM TEMPERATURE.

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

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===== 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 VENTILATIO  
N 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): 0.061;OUTSIDE PACKAGE  
DIMENSIONS (INCHES):1.3(L),0.655(D).

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

HCC:N1

Boiling Pt:B.P. Text:NOT KNOWN

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

Decomp Temp:Deco

mp 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-RED POWDE

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

Stability Indicator/Materials to Avoid:YES  
NOT KNOWN  
Stability Condition to Avoid:FOR MERCURIC OXIDE:LIGHT AND TEMPERATURES  
ABOVE 500F.  
Hazardous Decomposition Products:MERCURIC OXIDE ON EXPOSURE TO LIGHT OR  
500F DECOMPOSES TO OXYGEN AND MERCURY.  
Conditions to Avoid Polymerization:WILL 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  
.MAY BE RETURNED FOR RECLAMATION.

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