

PANASONIC DIV MATSUSHITA ELECTRIC CORP -- 80164 OR BA-38 -- 6135-01-372-6985

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Product Identification
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Product ID:80164 OR BA-38

MSDS Date:09/16/1996

FSC:6135

NIIN:01-372-6985

MSDS Number: CBSMZ

=== Responsible Party ===

Company Name: PANASONIC DIV MATSUSHITA ELECTRIC CORP

Address: 425 E. ALGONQUIN RD

City: ARLINGTON HEIGHTS

State: IL

ZIP: 60005-4820

Country: US

Info Phone Num: 312-981-4820

Eme

Agency Phone Num: 312-981-4820

Preparer's Name: DSCR-VBA STAFF

CAGE: 5P319

=== Contractor Identification ===

Company Name: KEITHLEY INSTRUMENTS INC

Address: 28775 AURORA RD

Box: UNKNOW

City: SOLON

State: OH

ZIP: 44139-1891

Country: US

Phone: 800-552-1115; 216-248-0400

CAGE: 80164

Company Name: PANASONIC DIV MATSUSHITA ELECTRIC CORP

Address: 425 E. ALGONQUIN RD

Box: City: ARLINGTON HEIGHTS

State: IL

Country: US

CAGE: 5P319

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Composition/Information on Ingredients
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Ingred Name: NICKEL HYD

ROXIDE (SARA 313) (CERCLA)

CAS:12054-48-7

RTECS #:QR7040000

Fraction by Wt: 0-10%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG(NI)/M3

ACGIH TLV:0.1 MG(NI)/M3; 9596

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:OXY NICKEL HYDROXIDE

Fraction by Wt: 1-12%

Other REC Limits:NONE RECOMMENDED

Ingred Name:CADMIUM (SARA 313) (CERCLA)

CAS:7440-43-9

RTECS #:EU9800000

Fraction by Wt: 1-15%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.2 MG/M3 DUST; Z-2

ACGIH TLV:0.01 MG/M3 DUST;9596

EPA Rpt Qty:10 L

BS

DOT Rpt Qty:10 LBS

Ingred Name:CADMIUM HYDROXIDE

CAS:21041-95-2

Fraction by Wt: 3-16%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.05 MG CD/M3

ACGIH TLV:0.05 MG CD/M3

Ingred Name:POTASSIUM HYDROXIDE (CERCLA)

CAS:1310-58-3

RTECS #:TT2100000

Fraction by Wt: 2-4%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 2 MG/M3

ACGIH TLV:C 2 MG/M3; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM HYDROXIDE (CERCLA)

CAS:1310-73-2

RTECS #:WB4900000

Fraction by Wt: 2-4%

Other REC Limits:NONE

RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:C 2 MG/M3; 9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:LITHIUM HYDROXIDE
CAS:1310-65-2
RTECS #:OJ6307070
Fraction by Wt: 2-9%
Other REC Limits:NONE RECOMMENDED

Ingred Name:POLYAMIDE FIBER
Other REC Limits:NONE RECOMMENDED

Ingred Name:POLYPROPYLENE FIBER
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP
:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:UNDER NORMAL CONDITIONS OF USE,
BATTERY IS NOT A HAZARD TO HEALTH.
Explanation of Carcinogenicity:CONTAINS C [7440-43-9] WHICH IS
LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.
Effects of Overexposure:NOT APPLICABLE.

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

First Aid:IF BATTERY LEAKS & EXPOSURE TO ELECTROLYTE OCCURS: IN ALL
CASES GET MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR 1
5 MINUTES.
SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH MILD SOAP & WATER.
INHALED-REMOVE TO FRESH AIR. ADMINISTER OXYGEN OR ARTIFICIAL
RESPIRATION AS NEEDED. INGESTED-CONTACT POISON CONTROL CENTER AND
OBTAIN IMMEDIATE MEDICAL ATTENTION.

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

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE CLOTHING.
Unusual Fire

/Explosion Hazard:TOXIC OR HAZARDOUS FUMES OR VAPORS MAY BE PRODUCED UNDER FIRE CONDITIONS.

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

Spill Release Procedures:SWEEP OR SCOOP UP SPILLED MATERIAL AND PLACE IN A CONTAINER FOR LATER DISPOSAL. RINSE AREA WITH COPIOUS AMOUNTS OF WATER. WEAR APPROPRIATE PERSONAL PROTECTIVE CLOTHING IF CONTENTS OF BATTERY ARE RELEA SED.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE. PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:NONE NORMALLY REQUIRED.

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

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:NONE NORMALLY REQUIRED.

Protective Gloves:NONE NORMALLY REQUIRED.

Eye Protection:NONE NORMALLY REQUIRED.

Other Protective Equipment:NONE NORMALLY REQUIRED.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING,

DRINKING, USING TOILET OR SMOKING. LAUNDRER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

PER LETTER FROM MS. AUDREY PERCIA, PANASONIC, THIS BATTERY IS AN ARTICLE UNDER 29 CFR 1910.1200 AND DOES NOT REQUIRE AN MSDS.

INFORMATION INCLUDED IN THIS RECORD IS BASED ON EXPERIENCE OF DLA-HMIS STA FF. ITEM PURCHASED FOR CAGE 80164 UNDERCONTRACT SP0430-95-MY945.

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

HCC:N1

Appearan

ce and Odor: BATTERY ASSEMBLY; 6 BATTERIES; 9.6 VOLTS.

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

Stability Indicator/Materials to Avoid: YES

Stability Condition to Avoid: SHORT CIRCUITING, RECHARGING.

Hazardous Decomposition Products: TOXIC AND HAZARDOUS FUMES AND VAPORS.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. PER LETTER FROM PANASONIC, EPA/RCRA HAZWASTE CODE D006 MAY BE APPROPRIATE

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