

MATSUSHITA ELECTRIC CORP OF AMERICA PANASONIC INDU -- LITHIUM BATTERY BR-C --  
6135-01-309-5765

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

Product ID:LITHIUM BATTERY BR-C

MSDS Date:07/15/1987

FSC:6135

NIIN:01-309-5765

MSDS Number: BPCFQ

=== Responsible Party ===

Company Name:MATSUSHITA ELECTRIC CORP OF AMERICA PANASONIC INDU

Address:ONE PANASONIC WAY

Box:1502

City:SECAUCUS

State:NJ

ZIP:07094-2917

Country:

US

Info Phone Num:201-348-7000

Emergency Phone Num:201-348--7000

CAGE:61058

=== Contractor Identification ===

Company Name:MATSUSHITA ELECTRIC CORP OF AMERICA PANASONIC INDU

Address:ONE PANASONIC WAY

Box:1502

City:SECAUCUS

State:NJ

ZIP:07094-2917

Country:US

Phone:201-348-7000/201-392-6842

CAGE:61058

Company Name:MONACO ENTERPRISES INC

Address:E 14820 SPRAGUE AVENUE

Box:14129

City:SPOKANE

State:WA

ZIP:99214-0129

Country:US

Phone:509-926-6277

CAGE:32609

Company Name:PANASONIC CO DIV OF MATSUSHITA

Address:DATA PROCESSING CENTER HQTRS - ONLY

Box:City:SECAUCUS

State:NJ

ZIP:07094

Country:US

Phone:201-348-9090 FOR CUST SVC/MSDS...

CAGE:2M734

Company Name:PANASONIC INDUSTRIAL CO DIV OF MATSUSHITA ELECT CORP OF AMER

Address:TWO PANASONIC WAY

Box:City:SECAUCUS

State:NJ

ZIP:07094

Country:US

Phone:877-726-2228

CAGE:0J4G8

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

Ingred Name:LITHIUM METAL

CAS:7439-93-2

RTECS #:OJ5540000

Fraction by Wt: 2.9%

Other REC Limits:NONE SPE

CIFIED

Ingred Name:BUTYROLACTONE

CAS:96-48-0

RTECS #:LU3500000

Other REC Limits:NONE RECOMMENDED

Ingred Name:LITHIUM TETRAFLUOROBORATE

CAS:14283-07-9

Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MFR SAID "NOT APPLICABLE" IN THIS FIELD.

Explanation of Carcinogenicity:MFR SAID "NOT APPLICABLE"

IN THIS  
FIELD.

Effects of Overexposure:MFR SAID "NOT APPLICABLE" IN THIS FIELD.

Medical Cond Aggravated by Exposure:MFR SAID "NOT APPLICABLE" IN THIS  
FIELD.

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

First Aid:EYES/SKIN: WASH OUT OF EYES/SKIN WITH WATER PROMPTLY.

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

Extinguishing Media:DRY CHEMICAL OR DRY SAND

Fire Fighting Procedures:"NOT APPLICABLE"

Unusual Fire/Explosion Hazard:FIRE AND E  
XPLOSION IS PRESENT ONLY WHEN  
BATTERY IS ABUSED.

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

Spill Release Procedures:IF THE BATTERY IS ACCIDENTLY BROKEN AND  
ORGANIC ELECTROLYTE LEAKS OUT, WIPE IT UP EITH A CLOTH, AND DISPOSE  
IF IT IN A PLASTIC BAG OR PUT INTO A STEEL CAN.

Neutralizing Agent:NO INFORMATION GIVEN ON MSDS BY SUPPLIER

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

Handling and Storage Precautions:UNUSUAL FIRE AND EXPLOSION  
HAZARD: IN

ABNORMAL CASE, EXAMPLE:CHARGE TO GIGHER THAN 5 VOLTSAT HIGH  
AMPERAGE, TOP MAY POP UP.

Other Precautions:"SEE THE ATTACHED"

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

Respiratory Protection:"NOT APPLICABLE"

Ventilation:"NOT APPLICABLE"

Protective Gloves:"NOT APPLICABLE"

Eye Protection:"NOT APPLICABLE"

Other Protective Equipment:"NOT APPLICABLE"

Work Hygienic Practices:"NOT APPLICABLE"

Supplemental Safety and Health

MSDS SENT BY SUPPLIER GAVE INFO ON

BATTERY ONLY AND IS PRESENTED HERE.

MSDS DID NOT INCLUDE ATTACHMENT DESCRIBED BY FIELD 'OTHER PRECAUTIONS'. REQUEST BROUGHT A SHORT LETTER FROM PANASONIC DECLARING THAT THE BATTERY IS DEEMED AN ARTICLE UNDER OSHA (29CFR1910.1200) AND THAT NO MSDS IS NECESSARY.

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

HCC:Z6

Melt/Freeze Pt:M.P/F.P Text:356F,180C

Solubility in Water:INSOLUBLE

Appearance and Odor:BATTERY

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

Stability Indicator/Materials to Avoid:YES

"NOT APPLICABLE" NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:"NOT APPLICABLE"

Hazardous Decomposition Products:"NOT APPLICABLE" NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:IT IS RECOMMENDED TO DISCHARGE THE BATTERY TO THE END TO USE UP THE METAL LITHIUM INSIDE THE BATTERY, AND TO BURY THE DISCHARGED BATTERY IN THE SOIL.

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