

PANASONIC CORP -- SEALED LEAD-ACID BATTERY -- 6140-01-147-6850

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

Product ID:SEALED LEAD-ACID BATTERY

MSDS Date:02/02/1989

FSC:6140

NIIN:01-147-6850

MSDS Number: BQCNP

=== Responsible Party ===

Company Name: PANASONIC CORP

Address: 1854 SHACKELFORD CT

City: NORCROSS

State: GA

ZIP: 30093

Country: US

Emergency Phone Num: NONE

CAGE: 0LVM8

=== Contractor Identification ===

Company Name: BECKER JOHN A CO

Address: 1341 EAST 4TH ST

Box: City: DAYT

ON

State: OH

ZIP: 45402-2235

Country: US

Phone: 513-226-1341

CAGE: 12497

Company Name: PANASONIC CORP

Address: 1854 SHACKELFORD CT

Box: City: NORCROSS

State: GA

ZIP: 30093

Country: US

CAGE: 0LVM8

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

Ingred Name: SULFURIC ACID (SARA III)

CAS: 7664-93-9

RTECS #: WS5600000

Fraction by Wt: 10-20%

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 1 MG/M3

ACGIH TLV: 1 MG/M3; 9293

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

Ingred Name: LEAD DIOXIDES

Fraction

by Wt: 5-25%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:LEAD (SARA III)  
CAS:7439-92-1  
RTECS #:OF7525000  
Fraction by Wt: 30-60%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.05 MG/M3;1910.1025  
ACGIH TLV:0.15 MG/M3;DUST 9293  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:LEAD SULFATE (SARA III)  
CAS:7446-14-2  
RTECS #:OG4375000  
Fraction by Wt: 1-25%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:SEE 1910.1025  
ACGIH TLV:0.15 MG PB/M3; 9293  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:NONE SPECIFIED BY MANUFACTURER.  
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT  
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT  
CARCINOGENS.  
Effects of Overexposure:NONE SPECIFIED BY MANUFACTURER.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES-WASH WITH WATER IMMEDIATELY. SKIN-WASH WITH WATER  
IMMEDIATELY.

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

Autoignition Temp:Autoignition Temp Text:UNKNON  
Extinguishing Media:WATER, FOG, FOAM, DRY CHEMICAL, CARBON DIOXIDE.  
Fire Fighting Procedures:NA  
Unusual Fire/Explosion Hazard:THERE IS NO HAZARD OF FIRE OR EXPLOSION  
UNLESS THE BATTERY IS ABUSED.

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

Spill

Release Procedures:IF THE BATTERY IS ACCIDENTALLY BROKEN AND ELECTROLYTE LEAKS OUT, WIPE UP WITH CLOTH, NEUTRALIZE THE ACID WITH AN ALKALINE SUBSTANCE SUCH AS AMMONIUM SOLUTION AND BAKING POWDER. DO NOT SHORT CIRCUIT.

Neutralizing Agent:AMMONIUM SOLUTION AND BAKING POWDER.

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

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.

Other Precautions:DO NOT USE VINYL CHLORIDE SHEATED WIRE OR A VINYL CHLORIDE SHEET, VINYL CHLORIDE MAY CRACK BATTERY CONTAINER OR COVER.

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

Respiratory Protection:NOT NEEDED.

Ventilation:YES.

Protective Gloves:NA

Eye Protection:NA

Other Protective Equipment:ONLY NECESSARY IF BATTERY IS CRACKED OR DISASSEMBLED.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING.

Supplemental Safety and Health  
NONE

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

HCC:Z4

Boiling Pt:B.P. Text:NA

Melt/Freeze Pt:M.P/F.P Text:NA

Decomp Temp:Decomp Text:NA

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:NA

pH:NA

Viscosity:NA

Evaporation Rate & Reference:NA

Solubility in Water:NA

Appearance and Odor:NA

Percent Volatiles by Volume:NA

Corrosion Rate:NA

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

Stability Indicator/Materials to Avoid:YES

DO NOT WIPE WITH OIL, GASOLINE, THINNER OR OTHER PETROCHEMICALS.

Stability Condition

n to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:DO NOT INCINERATE.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and

disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.