

SANYO ENERGY USA CORP -- P/N CADNICA NICKEL CADMIUM BATTERY -- 6140-01-371-2998

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

Product ID:P/N CADNICA NICKEL CADMIUM BATTERY

MSDS Date:12/14/1992

FSC:6140

NIIN:01-371-2998

MSDS Number: CDYJT

=== Responsible Party ===

Company Name:SANYO ENERGY USA CORP

Address:2001 SANYO AVE

City:SAN DIEGO

State:CA

ZIP:92173

Country:US

Info Phone Num:619-661-6620

Emergency Phone

Num:619-661-6620

CAGE:00JU0

=== Contractor Identification ===

Company Name:CARVER SUPPLY INC

Address:1414 E THIRD ST

Box:2708

City:DAYTON

State:OH

ZIP:45401

Country:US

Phone:513-461-9673

CAGE:8R659

Company Name:MOTOROLA INC (708-576-6700)

Box:UNKNOW

CAGE:34344

Company Name:SANYO ENERGY(U.S.A.) CORP.

Address:2001 SANYO AVE

Box:City:SAN DIEGO

State:CA

ZIP:92173

Country:US

Phone:619-661-6620

CAGE:00JU0

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

Ingred Name:CADMIUM (SAR)

A 313) (CERCLA)
CAS:7440-43-9
RTECS #:EU9800000
Fraction by Wt: 11 - 26%
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 LBS
DOT Rpt Qty:10 LBS

Ingred Name:CADMIUM HYDROXIDE
CAS:21041-95-2
Fraction by Wt: 11 - 26%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.05 MG CD/M3
ACGIH TLV:0.05 MG CD/M3

Ingred Name:NICKEL (SARA 313) (CERCLA)
CAS:7440-02-0
RTECS #:QR5950000
Fraction by Wt: 8 - 17%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG
/M3
ACGIH TLV:1 MG/M3; 9596

Ingred Name:NICKEL HYDROXIDE (SARA 313) (CERCLA)
CAS:12054-48-7
RTECS #:QR7040000
Fraction by Wt: 5 - 12%
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:POTASSIUM HYDROXIDE (CERCLA)
CAS:1310-58-3
RTECS #:TT2100000
Fraction by Wt:
Neutralizing Agent:5% ACETIC ACID SOLUTION.

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

Handling and Storage Precautions:STOR

E IN A COOL, DRY PLACE, BUT
PREVENT CONDENSATION ON CELL OR BATTERY TERMINALS. ELEVATED
TEMPERATURES MAY RESULT IN REDUCED BATTERY LIFE.
Other Precautions:OPTIMUM STORAGE TEMPERATURES ARE BETWEEN -31F TO 95F.
AVOID PROLONGED SHORT CIRCUIT SINCE HEAT CAN SHORTEN LIFE & INJURE
SKIN. BATTERIES IN BULK CONTAINERS SHOULD NOT BE SHAKEN.

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===== 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. LAUNDRY CONTAMINATED CLOTHES
BEFORE REUSE.

Supplemental Safety and Health

PER MFR & VENDOR THIS BATTERY IS AN ARTICLE UNDER 29 CFR 1910.1200 AND
DOES NOT REQUIRE AN MSDS. MOTOROLA PART NUMBER IS: NTN7058A.

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

HCC:N1

Viscosity:NOT RELEVANT

Appearance and Odor:BATTERY PACK, NICKEL-CADMIUM: 1.2 VOLTS; USED IN
SUBMERSIBLE SABRE RADIO.

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT OF INTERNAL BATTERY COMPONENTS WITH ACIDS, ALDEHYDES AND
CARBONATE COMPOUNDS.

Stability Condition to Avoid:THE BATTERIES ARE STABLE UNDER NORMAL
CONDITIONS.

Hazardous Decomposition Products:OXIDES OF CADMIUM AND NICK
EL.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS.

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