

VARTA BATTERIES INC -- V30R RECHARGEABLE 1.2V -- 6140-01-153-0392

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Product Identification
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Product ID:V30R RECHARGEABLE 1.2V

MSDS Date:04/06/1995

FSC:6140

NIIN:01-153-0392

MSDS Number: CGXDM

=== Responsible Party ===

Company Name:VARTA BATTERIES INC

Address:300 EXECUTIVE BLVD

City:ELMSFORD

State:NY

ZIP:10523-1202

Country:US

Info Phone Num:914-592-2500

Emergency Phone Num:914-592-2500

Pr

Preparer's Name:DGSC-SSH

CAGE:4M310

=== Contractor Identification ===

Company Name:SOUTHWEST ELECTRONIC ENERGY

Box:UNKNOW

CAGE:52722

Company Name:VARTA BATTERIES INC

Address:300 EXECUTIVE BLVD

Box:City:ELMSFORD

State:NY

ZIP:10523-1202

Country:US

Phone:914-592-2500

CAGE:4M310

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Composition/Information on Ingredients
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Ingred Name:NICKEL HYDROXIDE (SARA III)

CAS:12054-48-7

RTECS #:QR7040000

Fraction by Wt: 10%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG NI/M3

ACGIH TL

V:0.1 MG NI/M3; 9293
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:CADMIUM HYDROXIDE
Fraction by Wt: 15-25%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.1 MG/M3 (FUME)
ACGIH TLV:0.05 MG/M3

Ingred Name:POTASSIUM HYDROXIDE (SARA III)
CAS:1310-58-3
RTECS #:TT2100000
Fraction by Wt: 6-11%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C, 2 MG/M3
ACGIH TLV:C 2 MG/M3; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:NICKEL (SARA III)
CAS:7440-02-0
RTECS #:QR5950000
Fraction by Wt: 15-20%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9293

Ingred Name:PLASTIC
Fraction by Wt: 2%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:NONE SPECIFIED BY MANUFACTURER.
Explanation of Carcinogenicity:CONTAINS CADMIUM [7440-43-9] WHICH IS LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN. ALSO CONTAINS NICKEL
Effects of Overexposure:NO CHEMICAL HAZARD WILL BE POSED AS LONG AS THE CELL REMAINS IN SEALED CONDITION.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:IF EXPOSED TO CONTENTS OF BATTERY, FLUSH WITH WATER. GET MEDICAL ATTENTION.

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

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Extinguishing Media:USE MEDIA FOR APPRPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.
Unusual Fire/Explosion Hazard:BATTERIES MAY BURST IN A FIRE AND RELEASE TOXIC MATERIALS.

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

Spill Release Procedures:NONE SPECIFIED BY MANUFACTURER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storang

Precautions:RESTRICT CHARGING CURRENT AND TIME TO RECOMMENDED VALUE. BATTERY COMPARTMENT SHOULD PROVIDE SPACE FOR BATTERY TO EXPAND IN CASE OF ABUSE.

Other Precautions:IT IS IMPORTANT THAT BATTERIES ARE INSERTED INTO EQUIPMENT CORRECTLY WITH REGARD TO POLARITY(+ AND -). REPLACE ALL BATTERIES OF A SET AT SAME TIME. NEW BATTERIES SHOULD NOT BE MIXED WITH PARTIALLY EXH AUSTED ONES. DO NOT DISMANTLE BATTERIES.

===== 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:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

BATTERIES OF DIFFERENT ELECTROCHEMICAL SYSTEMS, GRADES, OR BRANDS SHOULD NOT BE MIXED. DO NOT SHORT CIRCUIT BATTERIES. DO NOT ATTEMPT TO REVIVE USED BATTERIES BY HEATING OR OTHER MEANS. EQUIPMENT INTENDED FOR USE BY CHILDREN SHOULD HAVE TAMPER-PROOF BATTERY COMPARTMENT. DO NOT SOLDER THE BATTERY DIRECTLY.

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

HCC:N1
Solubility in Water:INSOLUBLE
Appearance and Odor:SEALED BATTERY
Percent Volatiles by Volume:ZERO

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

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.
Stability Condition to Avoid:DO NOT SHORT CIRCUIT.

DO NOT SOLDER THE
BATTERY DIRECTLY. RESTRICT CHARGING CURRENT AND TIME TO THE
RECOMMENDED VALUE.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:DO NOT INCINERATE OR MUTILATE, MAY BURST OR
RELEASE TOXIC MATERIALS. DISPOSE OF BATTERY IN ACCORDANCE WITH
LOCAL, STATE AND FEDERAL REGULATIONS.

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