

VARTA BATTERIES INC -- PN:CR2430 TYPE 6032 BATTERY -- 6135-01-320-4815

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

Product ID:PN:CR2430 TYPE 6032 BATTERY

MSDS Date:11/01/1995

FSC:6135

NIIN:01-320-4815

MSDS Number: CGLWB

=== Responsible Party ===

Company Name:VARTA BATTERIES INC

Address:300EXECUTIVE BLVD

City:ELMSFORD

State:NY

ZIP:10523-1202

Country:US

Info Phone Num:914-592-2500

Emergency Phone Num:914-592

-2500

CAGE:4M310

=== Contractor Identification ===

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

Company Name:VARTA INDUSTRIAL BATTERIES

Box:City:BRAMPTON

State:ON

Country:CA

Phone:416-790-0730

CAGE:36129

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

Ingred Name:MANGANESE DIOXIDE

CAS:1313-13-9

RTECS #:OP0350000

Fraction by Wt: 29%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5

MG MN/M3 CEILING
ACGIH TLV:5 MG MN/M3

Ingred Name:PROPYLENE CARBONATE
CAS:108-32-7
RTECS #:FF9650000
Fraction by Wt: 4.3%
Other REC Limits:NONE RECOMMENDED

Ingred Name:DIMETHOXYETHANE
CAS:110-71-4
RTECS #:KI1451000
Fraction by Wt: 2.1%
Other REC Limits:NONE RECOMMENDED

Ingred Name:LITHIUM METAL
CAS:7439-93-2
RTECS #:OJ5540000
Fraction by Wt: 2.0%
Other REC Limits:NONE RECOMMENDED

Ingred Name:CARBON
Fraction by Wt: 0.9%
Other REC Limits:NONE RECOMMENDED

Ingred Name:LITHIUM PERCHLORATE
CAS:77
91-03-9
Fraction by Wt: 0.3%
Other REC Limits:NONE RECOMMENDED

Ingred Name:STAINLESS STEEL
Fraction by Wt: 57.6%
Other REC Limits:NONE RECOMMENDED

Ingred Name:PLASTIC
Fraction by Wt: 3.8%
Other REC Limits:NONE RECOMMENDED

===== 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:NONE SPECIFIED BY MANUFACTURER.
Effects of Overexposure:NONE SPECI

FIED BY MANUFACTURER.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:NONE SPECIFIED BY MANUFACTURER.

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

Extinguishing Media:NONE SPECIFIED BY MANUFACTURER.
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

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

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

Handling and Storage Precautions:DO NOT DISMANTLE BATTERIES.
Other Precautions:EQUIPMENT INTENDED FOR USE BY CHILDREN SHOULD HAVE
BATTERY COMPARTMENTS WHICH ARE TAMPER-PROOF. KEEP BATTERIES OUT OF
REACH OF CHILDREN, ESPECIALLY THOSE BATTERIES FITTING WITHIN THE
LIMITS OF THE TRU NCATED CYLINDER

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

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.
Ventilation:NONE SPECIFIED BY MANUFACTURER.
Protective Gloves:NONE SPECIFIED BY MANUFACTURER.
Eye Protection:NONE SPECIFIED BY MANUFACTURER.
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:WASH AFTER HANDLING.
Supplemental Safety and Health
NONE

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

HCC:N1

=====

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

Stability Indicator/Materials to Avoid: YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid: DO NOT ATTEMPT TO REVIVE BATTERIES BY

HEATING, CHARGING OR OTHER MEANS. DO NOT SHORT CIRCUIT BATTERIES.

Hazardous Decomposition Products: NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods: DO NOT DISPOSE OF BATTERIES IN FIRE.

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.