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SAFT AMERICA INC, POWER SOURCES DIV -- NICKEL CADMIUM SEALED CELL BATTERY,023394-000,C 8715-3 -- 6140-01-179-4588

Product ID:NICKEL CADMIUM SEALED CELL BATTERY,023394-000,C 8715-3

MSDS Date:10/03/1994

FSC:6140

NIIN:01-179-4588

MSDS Number: CFTGT === Responsible Party ===

Company Name: SAFT AMERICA INC, POWER SOURCES DIV

Address:711 INDUSTRIAL BLVD

Box:1886 City:V ALDOSTA State:GA ZIP:31603 Country:US

Info Phone Num:912-247-2331

Emergency Phone Num:912-247-2331/800-424-9300(CHEMTREC)

CAGE:09052

=== Contractor Identification ===

Company Name: SAFT AMERICA INC.

Address:711 INDUSTRIAL BLVD

Box:1886

City: VALDOSTA

State:GA ZIP:31602 Country:US

Phone:912-247-2331

CAGE:09052

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

Ingred Name: CADMIUM (SARA 313) (CERCLA); TOTAL PERCENTAGE OF

INGREDIENTS 1, 2 AND 3: 17

CAS:7440-43-9 RTECS #:EU9800 000

Fraction by Wt: SEE ING

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: SEE # 1%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:0.05 MG CD/M3 ACGIH TLV:0.05 MG CD/M3

Ingred Name: CADMIUM OXIDE (SARA 302/313) (CERCLA)

CAS:1306-19-0

RTECS #:EV1925000 Fraction by Wt: SEE # 1%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:0.2 MG (CD)/M3 DUST

ACGIH TLV:0.01 MG

(CD)/M3; 9596

Ingred Name: NICKEL (SARA 313) (CERCLA); TOTAL PERCENTAGE OF INGREDIENTS

4, 5 AND 6: 19 CAS:7440-02-0

RTECS #:QR5950000 Fraction by Wt: SEE ING

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: SEE # 4%

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: NICKEL OXIDE

CAS:13

13-99-1

RTECS #:QR8400000 Fraction by Wt: SEE # 4%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:1 MG/M3 AS NI ACGIH TLV:1 MG/M3 AS NI

Ingred Name:POTASSIUM HYDROXIDE (CERCLA)

CAS:1310-58-3

RTECS #:TT2100000 Fraction by Wt: 8%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:C 2 MG/M3

ACGIH TLV:C 2 MG/M3; 9596

EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

Ingred Name: COBALT (SARA 313)/COBALT HYDROXIDE

CAS:7440-48-4

RTECS #:GF8750000 Fraction by Wt: 1%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:0.1 MG/M3

AC

GIH TLV:0.02 MG/M3; A3; 9596

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT RELEVANT.

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

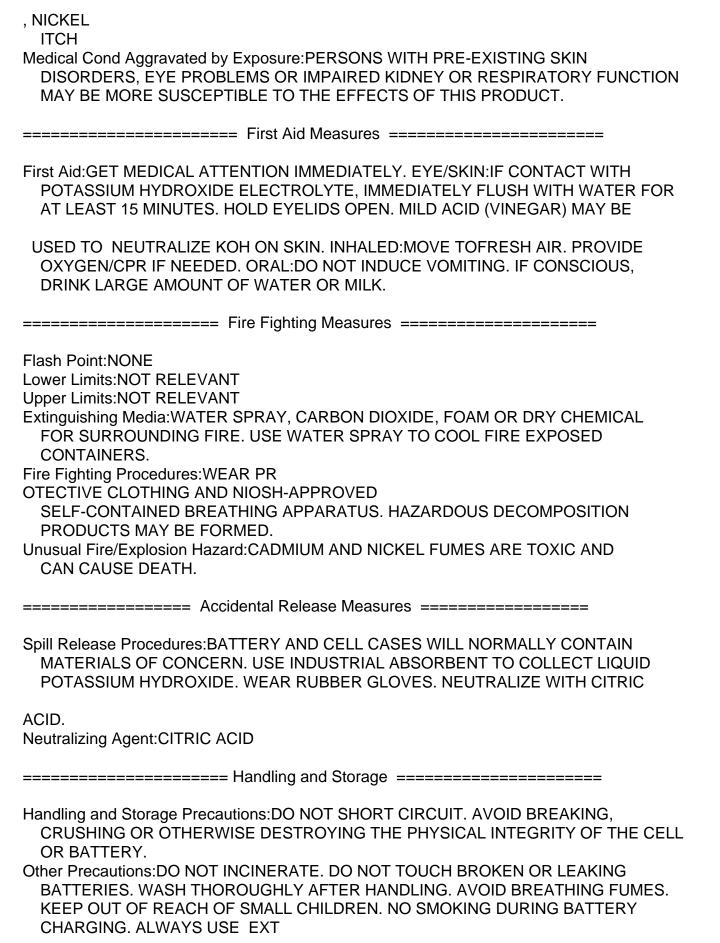
Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY, GI TRACTS. ACUTE- IN CASE OF FIRE/CELL RUPTURE, ELECTROLYTE CAN CAUSE SEVERE IRRITATION/BURNS TO TISSUE CONTACTED. CAN CAUSE BLINDNESS. NICKEL MAY CAUSE

SKIN SEN SITIZATION. INGESTION CAN BE

HARMFUL/FATAL. CHRONIC- CADMIUM MAY CAUSE LUNG/KIDNEY DAMAGE. NICKEL MAY CAUSE LUNG DAMAGE.

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:NONE UNDER NORMAL CONDITIONS OF USE. IF LEAKING OR INCINERATED: SEVERE IRRITATION, BURNS, CHEST PAIN, COUGHING, SWEATING, CHILLS, SHORTNESS OF BREATH, WEAKNESS, BLINDNESS



====== Exposure Controls/Personal Protection ========
Respiratory Protection:IF INCINERATED, USE NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS OR SUPPLIED AIR RESPIRATOR WITH FULL FACEPIECE, OPERATED IN POSITIVE PRESSURE MODE. Ventilation:USE ADEQUATE LOCAL EXHAUST VENTILATION WHEN FUMES PRESENT. Protective Gloves:NEOPRENE, NITRILE FOR LEAKERS Eye Protection:CHEMICAL SPLASH GOGGLES FOR LEAKERS Other Protective Equipment:EYE WASH STATION, Q UICK DRENCH SHOWER AND IMPERVIOUS CLOTHING Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING, DRINKING/SMOKING.
Supplemental Safety and Health THE MANUFACTURER STATES EACH SEALED NICKEL CADMIUM BATTERY IS NOT HAZARDOUS AND IS NOT REGULATED.
========= Physical/Chemical Properties ==========
HCC:Z5 NRC/State Lic Num:NOT RELEVANT Spec Gravity:1.17-1.25 ELECT Viscosity:NOT RELEVANT Evaporat ion Rate & Description of Relevant Solubility in Water:NOT RELEVANT Appearance and Odor:BATTERY - NO ODOR ==================================
Stability Indicator/Materials to Avoid:YES ACIDS, ACTIVE METALS SUCH AS ZINC, ALUMINUM, TIN, CHLORINATED AND AROMATIC HYDROCARBONS, NITROCARBONS, HALOCARBONS Stability Condition to Avoid:EXCESSIVE HEAT, FIRE Hazardous Decomposition Products:TOXIC FUMES OF CADMIUM OXIDE, NICKEL OXIDE, CADMIUM, POTASSIUM HYDROXIDE
======== Disposal Considerations ===========
Waste Disposal Methods:CELLS AND BATTERIES MAY BE RETURNED TO SAFT FOR RECYCLING OR AT SENDERS EXPENSE TO A PERMITTED TREATMENT, STORAGE DISPOSAL FACILITY (TSDF). DISPOSAL MUST BE MADE IN ACCORDANCE WITH ALL APPLICABLE FED ERAL, STATE AND LOCAL LAWS AND REGULATIONS.
Disclaimer (provided with this information by the compiling agencies):

REME CARE. AVOID OPEN FLAME.

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fense. 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.