View NSN Online: https://aerobasegroup.kr/nsn/6140-01-014-0595

SAFT AMERICA INC, POWER SOURCES DIV -- NICKEL CADMIUM SEALED CELL BATTERY,402474-100 -- 6140-01-014-0595

Product ID:NICKEL CADMIUM SEALED CELL BATTERY,402474-100

MSDS Date:10/03/1994

FSC:6140

NIIN:01-014-0595

MSDS Number: CDYWR === Responsible Party ===

Company Name: SAFT AMERICA INC, POWER SOURCES DIV

Address:711 INDUSTRIAL BLVD

Box:1886

City: VALDOSTA

State:GA

ZΙ

P: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 #:EU9800000

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

Ingr

ed 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:1313-99-1 RTECS #:QR8 400000

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 ACGIH 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

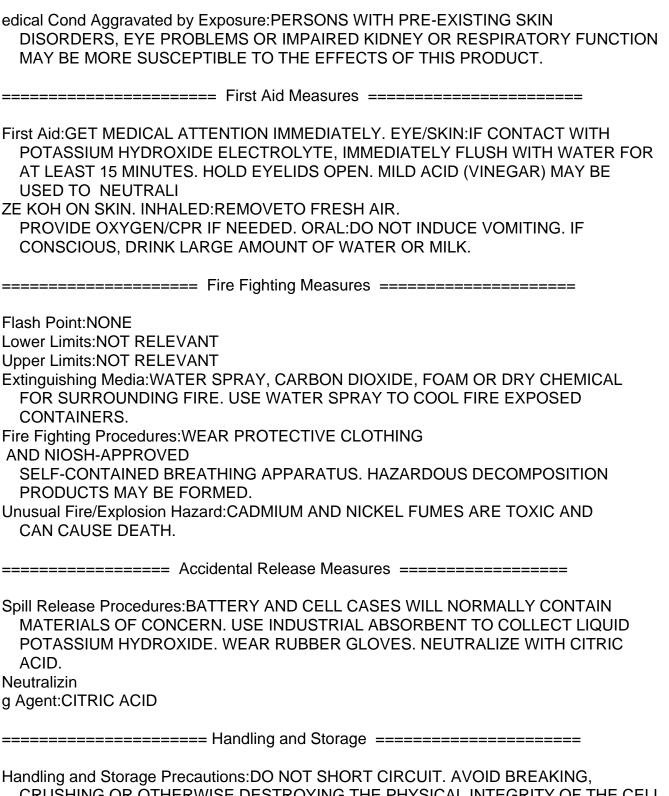
. INGESTION CAN BE

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, NICKEL ITCH

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Handling and Storage Precautions: DO NOT SHORT CIRCUIT. AVOID BREAKING, CRUSHING OR OTHERWISE DESTROYING THE PHYSICAL INTEGRITY OF THE CELL OR BATTERY.

Other Precautions: DO NOT INCINERATE. DO NOT TOUCH BROKEN OR LEAKING BATTERIES. WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING FUMES. KEEP OUT OF REACH OF SMALL CHILDREN. NO SMOKING DURING BATTERY CHARGING. ALWAYS USE EXTREME CARE. AVOID

OPEN FLAME.
====== 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, QUICK DRENCH SHOWE R 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:N1 NRC/State Lic Num:NOT RELEVANT Spec Gravity:1.17-1.25 ELECT Viscosity:NOT RELEVANT Evaporation Rate & Description Rate & Description Relevant Solubility in Water:NOT RELEVANT Appearance and Odor:BATTERY - NO ODOR
========= Stability and Reactivity Data =========
Stability Indicator/Materials to Avoid:YES ORGANIC CHEMICALS, ACIDS, METALS SUCH AS ZINC, ALUMINUM, TIN, CHLORINATED AND AROMATIC HYDROCARBONS, NITROCARBONS 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.

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