

SAFT AMERICA INC POWER SOURCES DIV -- NICKEL-CADMIUM SEALED CELL BATTERY --
6140-00-738-5914

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

Product ID:NICKEL-CADMIUM SEALED CELL BATTERY

MSDS Date:02/28/1991

FSC:6140

NIIN:00-738-5914

MSDS Number: BWSTB

=== Responsible Party ===

Company Name:SAFT AMERICA INC POWER SOURCES DIV

Address:711 INDUSTRIAL BLVD

Box:1886

City:VALDOSTA

State:GA

ZIP:31603

Country:US

Info

Phone Num:912-247-2331

Emergency Phone Num:912-247-2331

CAGE:09052

=== Contractor Identification ===

Company Name:AVEX ELECTRONICS CORP

Address:1683 WINCHESTER ROAD

Box:1026

City:BENSALEM

State:PA

ZIP:19020-4510

Country:US

Phone:215-638-1515

CAGE:58414

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 III)

CA

S:7440-43-9
RTECS #:EU9800000
Fraction by Wt: 35%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1 MG NI/M3 DUST
ACGIH TLV:1 MG NI/M3 DUST 9192

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:PRODUCT IS A SEALED UNIT. HAZARDS ARE
BASED ON BROKEN AND LEAKING CELLS. INHALATION: DUST AND FUMES MAY
CAUSE IRRITATION OF RESPIRATORY
TRACT,COUGHING,CHEST PAIN,SHORTNESS
OF BREATH, LUNG INJURY,KIDNE Y DISFUNCTION,AND DEATH FROM PULMONARY
EDEMA. INGESTION: NAUSEA,VOMITING,DIARRHEA,ABDOMINAL
CRAMPS,INTESTINAL DISORDERS.
Explanation of Carcinogenicity:NICKEL AND CADMIUM AND THEIR COMPOUNDS
ARE LISTED AS CARCINOGENS OR POTENTIAL CARCINOGENS BY NTP, IARC,
AND OSHA.
Effects of Overexposure:INHALATION: COUGHING, CHEST PAIN, SHORTNESS OF
BREATH, WEAKNESS, SWEATING CHILLS. EYES: REDNESS, TEARING. SKIN:
REDNE
SS. RASH, ITCHING. INGESTION: NAUSEA, VOMITING, DIARRHEA,
ABDOMINAL CRAMPS.
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN AND RESPIRATORY
DISORDERS, PROSTRATE DISORDERS, LIVER AND KIDNEY DISORDERS.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. SKIN: WASH WITH SOAP
AND WATER. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING GIVE
CPR. GET MEDICAL ATTENTION. INGESTION: IF CONSCIOUS, INDUCE
VOMITIN
G. GET MEDICAL ATTENTION.

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

Flash Point:NONE
Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE. DRY
CHEMICAL, CARBON DIOXIDE, WATER.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE GEAR IF INVOLVED IN A FIRE.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:COLLEC

T SPILL AND PLACE IN A PLASTIC-LINED CONTAINER FOR DISPOSAL. HEPA VACUUMING OF DUST IS PREFERRED. FLUSH SPILL AREA WITH WATER.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:NOT NORMALLY A PROBLEM. HOWEVER FOR HANDLING BROKEN OR LEAKING CELLS WEAR PROPER PROTECTIVE CLOTHING AND AVOID CONTACT WITH AND BREATHING OF DUST.

Other Precautions:AVOID GENERATING DUST WHEN HANDLING BROKEN OR LEAKING CELLS.

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

Respiratory Protection:NOT NORMALLY REQUIRED. USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST IF DUST FROM LEAKING CELLS IS BEING GENERATED.

Ventilation:NOT REQUIRED FOR NORMAL HANDLING OF PRODUCT.

Protective Gloves:IMPERVIOUS GLOVES WHEN HANDLING LEAKERS.

Eye Protection:SAFETY GLASSES/GOGGLES FOR LEAKERS.

Other Protective Equipment:EYE WASH STATION.

Work Hygienic Practices:WASH HANDS AFTER HANDLING BROKEN CELLS BEFORE EATING, DRINKING, OR SMOKING. DO NOT WEAR CONTAMINATED CLOTHING HOME.

Supplemental Safety and Health

HEALTH AND OTHER SAFETY PRECAUTIONS ARE GENERALLY FOR THE METAL DUSTS OF THE INGREDIENTS FROM BROKEN OR LEAKING CELLS. IN NORMAL USE, DUSTS ARE NOT GENERATED.

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

HCC:N1

NRC/State Lic Num:NONE

Spec Gravity:1.6

Solubility in Water:INSOLUABLE

Appearance and Odor:MFR GAVE NO INFORMATION ON MSDS.

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

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:METAL OXIDE FUMES AT TEMPERATURES ABOVE MELTING POINT.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. IF DISCARDED, TREAT AS HAZARDOUS WAS

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