

SAFT AMERICA INC, POWER SOURCES DIV -- NICKEL-CADMIUM SEALED CELL BATTERY --
6140-00-431-6805

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Product Identification
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Product ID:NICKEL-CADMIUM SEALED CELL BATTERY

MSDS Date:02/28/1991

FSC:6140

NIIN:00-431-6805

MSDS Number: BPMGZ

=== Responsible Party ===

Company Name:SAFT AMERICA INC, POWER SOURCES DIV

Address:711 INDUSTRIAL BLVD

Box:1886

City:VALDOSTA

State:GA

ZIP:31603

Country:US

In

fo Phone Num:912-247-2331

Emergency Phone Num:912-247-2331

Preparer's Name:WILLIAM O. ??

CAGE:09052

=== Contractor Identification ===

Company Name:SAFT AMERICA INC PORTABLE BATTERY DIVISION

Address:711 INDUSTRIAL BLVD

Box:1886

City:VALDOSTA

State:GA

ZIP:31601

Country:US

Phone:912-247-2331

CAGE:67237

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

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Composition/Information on Ingredients =

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Ingred Name:CADMIUM (SARA III)
CAS:7440-43-9
RTECS #:EU9800000
Fraction by Wt: 8-20%
Other REC Limits:NONE SPECIFIED
OSHA PEL:SEE 1910.1027
ACGIH TLV:0.01 MG/M3 DUST;9394
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:NICKEL (SARA III)
CAS:7440-02-0
RTECS #:QR5950000
Fraction by Wt: 15-35%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 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:ACUTE:CADMIUM AND ITS DUSTS, FUMES OR COMPOUNDS MAY CAUSE RESPIRATORY IRRITATION IF INHALED; G/I DISTRESS, NAUSEA, VOMITING, DIARRHEA. NICKEL MAY SENSITIZE CONTACT DERMATITIS AND IF INGESTED CAUSE ABDOMINAL CRAMPS. CHRONIC:LUNG INJURY, KIDNEY DYSFUNCTION, BONE LESIONS.
Explanation of Carcinogenicity:CADMIUM AND NICKEL AND THEIR COMPOUNDS ARE LISTED AS CARCINOGENS BY NTP & IARC . SEE INDIVIDUAL REPORTS FOR DETAILS.
Effects of Overexposure:IRRITATION OF NOSE AND THROAT, SWEATING, CHILLS, SHORTNESS OF BREATH, WEAKNESS, LOCAL DERMATITIS, NAUSEA, COUGHING, CHEST PAINS.
Medical Conditions Aggravated by Exposure:RESPIRATORY DISORDERS, PROSTATE DISORDERS, LIVER

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

First Aid:INHALATION: REMOVE TO FRESH AIR. SEE PHYSICIAN.
EYES/SKIN:FLUSH WITH WATER FOR 15 MINUTES. SEE PHYSICIAN IF SYMPTOMS DEVELOP

EVELOP. INGESTION: INDUCE VOMITING IF CONSCIOUS, SEE A PHYSICIAN.

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Fire Fighting Measures
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Extinguishing Media: DRY CHEMICAL, CO2, WATER
Fire Fighting Procedures: USE NIOSH/MSHA SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING IF INVOLVED IN A FIRE.
Unusual Fire/Explosion Hazard: "NOT APPLICABLE"

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Accidental Release Measures
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Spill Release Procedures: CONTAIN SPILL. COLLECT SPILL AND PLACE IN PLASTIC LINED CONTAINER. HEPA VACUUMING OF DUST IS PREFERRED. FLUSH SPILL AREA WITH WATER.
Neutralizing Agent: NO INFORMATION GIVEN BY MFR ON THE MSDS.

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Handling and Storage
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Handling and Storage Precautions: WEAR NIOSH/MSHA APPROVED DUST MASKS OR SRESPIRATORS; IMPERVIOUS GLOVES; AND SAFETY GLASSES OR GOGGLES.
Other Precautions: KEEP CONTAINER CLOSED, AVOID CONTACT WITH CLOTHING AND AVOID GENERATING DUST.

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Exposure Control
s/Personal Protection
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Respiratory Protection: NIOSH/MSHA APPROVED FOR DUSTS.
Ventilation: USE LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION. MAINTAIN OSHA PEL.
Protective Gloves: IMPERVIOUS
Eye Protection: SAFETY GLASSES/GOGGLES
Other Protective Equipment: DO NOT WEAR CONTAMINATED CLOTHING HOME. SHOWER AND CHANGE OR WEAR COVERALLS.
Work Hygienic Practices: KEEP FOOD AND TOBACCO AWAY FROM WORK AREA.
Supplemental Safety and Health
OBSOLETE MSDS RECEIVED FROM NAVY (FOCAL POINT N). NAVY IDENTIFIED NSN.
A MORE CURRENT ONE FROM HMIS WAS SUBSTITUTED. MSDS WAS FOR A SEALED BATTERY.

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Physical/Chemical Properties
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HCC: Z5
NRC/State Lic Num: NONE
Spec Gravity: 1.6
Solubility in Water: LEFT BLANK BY MFR
Appearance and Odor: LEFT BLANK BY MFR.

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid: YES
Stability Condition to Avoid: GENERAL STORAGE CONDITIONS FOR HAZARDOUS MATER

IALS ARE ACCEPTABLE.

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

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

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

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