

SAFT AMERICA INC, POWER SOURCES DIV -- PS-SC NICKEL-CADMIUM SEALED CELL BATTERY --  
6140-01-013-8574

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

Product ID:PS-SC NICKEL-CADMIUM SEALED CELL BATTERY

MSDS Date:02/28/1991

FSC:6140

NIIN:01-013-8574

MSDS Number: CJLTL

=== Responsible Party ===

Company Name:SAFT AMERICA INC, POWER SOURCES DIV

Address:711 INDUSTRIAL BLVD

Box:1886

City:VALDOSTA

State:GA

ZIP:31603

C

Country:US

Info Phone Num:912-247-2331

Emergency Phone Num:912-247-2331

Preparer's Name:NOT READABLE

CAGE:09052

=== Contractor Identification ===

Company Name:POWER-SONIC CORP

Address:3106 SPRING ST

Box:5242

City:REDWOOD CITY

State:CA

ZIP:94063-3929

Country:US

Phone:650-364-5001

CAGE:56309

Company Name:SAFT AMERICA INC PRIMARY BATTERY DIVISION

Address:711 INDUSTRIAL BLVD

Box:1886

City:VALDOSTA

State:GA

ZIP:31601-6512

Country:US

Phone:912-247-2331

CAGE:01306

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  
CAS:7440-43-9  
RTECS #:EU9800000  
Minumum % Wt:8.  
Maxumum % Wt:20.  
OSHA PEL:see 1910.1027  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

Ingred Name:CADMIUM HYDROXIDE  
CAS:21041-95-2  
RTECS #:EV1260000  
Minumum % Wt:8.  
Maxumum % Wt:20.

Ingred Name:CADMIUM OXIDE  
CAS:1306-19-0  
RTECS #:EV1925000  
Minumum % Wt:8.  
Maxumum  
% Wt:20.

Ingred Name:NICKEL  
CAS:7440-02-0  
RTECS #:QR5950000  
Minumum % Wt:15.  
Maxumum % Wt:35.  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3

Ingred Name:NICKEL HYDROXIDE  
CAS:12054-48-7  
RTECS #:QR7040000  
Minumum % Wt:15.  
Maxumum % Wt:35.  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

Ingred Name:NICKEL OXIDE  
CAS:1313-99-1  
RTECS #:QR8400000  
Minumum % Wt:15.  
Maxumum % Wt:35.

=====  
Hazards Identification  
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UFACTURER.

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:ITEM IS A SEALED BATTERY. NO HEALTH HAZARDS UNDER NORMAL CONDITIONS. IF BATTERY IS DAMAGED EXPOSURE TO THE INGREDIENTS MAY CAUSE THE FOLLOWING: ACUTE: INHALATION OF DUST OR FUMES MAY CAUSE IRRITATION OF NOSE AND THROAT, PULMONARY EDEMA, UPPER RESPIRATORY IRRITATION. INGESTION MAY CAUSE INTESTINAL DISORDERS. CHRONIC: LONG

TERM EXPOSURE CAN CAUSE LUNG INJURY, KIDNEY DISFUNCTION, BONE LESIONS, LUNG CANCER, OTHER FORMS OF CANCER. SKIN CONTACT MAY CAUSE DERMATITIS

Explanation of Carcinogenicity:NICKEL AND CADMIUM AND THEIR COMPOUNDS ARE LISTED AS CARCINOGENS OR POTENTIAL CACINOGENS BY NTP, IARC, AND OSHA.

Effects of Overexposure:IRRITATION OF NOSE AND THROAT, SWEATING, CHILLS, SHORTNESS OF BREATH, WEAKNESS, LOCAL DERMATITIS, NAUSEA, COUGHING, CHEST PAINS.

Medical Cond Aggravated by Exposure:RESPIRATORY SYSTEM DISORDERS, PROSTATE DISORDERS, LIVER AND KIDNEY DISORDERS.

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First Aid Measures  
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First Aid:INHALATION: MOVE FROM EXPOSURE. GET MEDICAL ATTENTION.  
INGESTION: INDUCE VOMITING IF CONSCIOUS. GET MEDICAL ATTENTION.  
SKIN OR EYES: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION, IF SYMPTOMS DEVELOP.

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Fire Fighting Measures  
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Extinguishing Media:FOR SURROUNDING FIRE USE DRY CHEMICAL, CARBON DIOXIDE (CO2), WATER.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED 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 THE SPILL. COLLECT THE SPILLED MATERIAL AND PLACE IN A PLASTIC-LINED CONTAINER. HEPA VACUUMING IS PREFERRED. FLUSH SPILL WITH WATER.

Neutralizing Agent

:NONE STATED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:WHEN HANDLING LEAKERS, WEAR NIOSH/MSHA APPROVED DUST MASKS OR RESPIRATORS, IMPERVIOUS GLOVES AND SAFETY GLASSES OR GOGGLES.

Other Precautions:WHEN HANDLING LEAKERS AVOID CONTACT WITH CLOTHING, AVOID GENERATING DUST.

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Exposure Controls/Personal Protection  
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Respiratory Protection:WEAR NIOSH/MSHA APPROVED FOR DUSTS WHEN HANDLING

SPILLED INGREDIENTS.

Ventilation:LOCAL EXHAUST OR MECHANICAL (GENERAL) VENTILATION. MAINTAIN OSHA PEL

Protective Gloves:IMPERVIOUS FOR HANDLING LEAKERS.

Eye Protection:SAFETY GLASSES/GOGGELS WHEN HANDLING LEAKERS.

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

SEALED BATTERIES ARE NOT HEALTH OR HANDLING HAZARDS. THE HAZARDS

INDICATED ABOVE ARE FOR DAMAGED BATTERIES WITH SPILLED INGREDIENTS.

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Physical/Chemical Properties  
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HCC:Z5

Spec Gravity:1.6 (H2O=1)

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:GENERAL STORAGE PROCEDURES FOR HAZARDOUS MATERIALS ARE ACCEPTABLE

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

Condition

s to Avoid Polymerization:WILL NOT OCCUR.

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

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

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