

SAFT AMERICA INC POWER SOURCES DIV -- NICKEL CADMIUM STORAGE BATTERY 7.0SCL --  
6140-01-113-0014

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

Product ID:NICKEL CADMIUM STORAGE BATTERY 7.0SCL

MSDS Date:10/21/1986

FSC:6140

NIIN:01-113-0014

MSDS Number: BJYBL

=== Responsible Party ===

Company Name:SAFT AMERICA INC POWER SOURCES DIV

Address:711 INDUSTRIAL BLVD

Box:1886

City:VALDOSTA

State:GA

ZIP:31603

Country:U

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Info Phone Num:912-247-2331

Emergency Phone Num:912-247-2331

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 AND CADMIUM HYDROXIDE

Fraction by Wt: 14.63%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.1 MG/M3 (FUME)

ACGIH TLV:0.05 MG/M3

Ingred Name:NICKEL AND NICKEL HYDR

OXIDE  
Fraction by Wt: 26.07%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1.0 MG/M3  
ACGIH TLV:1.0 MG/M3

Ingred Name:POTASSIUM HYDROXIDE (SARA III)  
CAS:1310-58-3  
RTECS #:TT2100000  
Fraction by Wt: 6.5%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:C, 2 MG/M3  
ACGIH TLV:C 2 MG/M3; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 365 MG/KG (KOH)  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Repor  
ts of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:CONTACT WITH INTERNAL CONTENTS MAY  
CAUSE CHEMICAL BURNS. PROLONGED OR REPEATED OVEREXPOSURE TO  
INTERNAL CONTENTS MAY CAUSE SKIN SENSITIZATION TO NICKEL (NICKEL  
ITCH). CADMIUM AND CADMIUM HYDROXIDE MAY CAUSE RENAL FAILURE AND  
RESPIRATORY PROBLEMS.  
Explanation of Carcinogenicity:NICKEL & NICKEL HYDROXIDE ARE CONSIDERED  
SUSPECTED CARCINOGENS.  
Effects of Overexposure:INTERNAL CONTENTS MAY CAUSE  
EYE AND SKIN  
IRRITATION, BURNS, OR DERMATITIS.  
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS  
OR WITH A PRE-EXISTING DISEASE INVOLVING THE SKIN, RESPIRATORY  
TRACT OR KIDNEY MAY BE AT INCREASED RISK FROM EXPOSURE TO THE  
INTERNAL CONTENTS OF THIS BATTERY.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING  
EYELIDS OPEN. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH W

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SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ADVICE.  
INGESTION : DO NOT INDUCE VOMITING. RINSE MOUTH & DRINK LARGE  
AMOUNTS OF WATER. GET MEDICAL ATTENTION.

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Fire Fighting Measures  
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Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY  
PRODUCE  
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS OF CADMIUM OXIDE.  
EXPOSURE TO EXCESSIVE HEAT MAY CAUSE BATTERY TO EXPLODE.

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Accidental Release Measures  
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Spill Release Procedures:WIPE/SOAK UP WITH PAPER TOWEL OR INERT  
ABSORBENT. PUT BATTERY CASE AND/OR CONTENTS IN DISPOSAL CONTAINER.  
FLUSH ANY RESIDUE FROM AREA WITH WATER.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:STORE AT ROOM TEMPERATURES. DO NOT  
BREAK OPEN BATTERY CASE. DO NOT SHORT CIRCUIT. USE RECOMMENDED  
CHARGE RATES.  
Other Precautions:FULL ENCAPSULATION (POTTING) OF BATTERIES WILL  
PREVENT VENTING RESULTING IN POSSIBLE EXPLOSION.

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Exposure Controls/Personal Protection  
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Respiratory Protection:NONE NORMALLY REQUIRED.  
Ventilation:NONE NORMALLY REQUIRED.  
Protective Gloves:RUBBER GLOVES  
Eye Protection:SAFETY GLASSES RECOMMENDED.  
Other Protective Equipment:NONE NORMALLY REQUIRED.  
Work Hygienic Practices:WASH THOROUGHLY IF CONTACT IS MADE WITH  
INTERNAL CONTENTS.  
Supplemental Safety and Health  
NONE

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Physical/Chemical Properties  
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HCC:B3  
Appearance and Odor:NI-CAD 1.2 VOLT STORAGE BATTERY, APPROXIMATELY 1.3  
INCHES DIA. BY 3.5 INCHES LONG

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES  
NONE SPECIFIED BY MANUFACTURER

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Hazardous Decomposition Products:CADMIUM OXIDE FUMES

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

Waste Disposal Methods:BURY IN LANDFILL IN ACCORDANCE WITH APPLICABLE  
FEDERAL, STATE AND LOCAL REGULATIONS. DO NOT INCINERATE.

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