

SAFT AMERICA INC., POWER SOURCES DIV. -- 13176 STORAGE BATTERY; NI-CAD --
6140-00-402-6350

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

Product ID:13176 STORAGE BATTERY; NI-CAD

MSDS Date:10/21/1986

FSC:6140

NIIN:00-402-6350

MSDS Number: BDXTC

=== 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 Pho

ne Num:912-247-2331

Emergency Phone Num:912-247-2331

Preparer's Name:WILLIAM O. WILDER,JR.

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:POTASSIUM HYDROXIDE (SARA III)

CAS:1310-58-3

RTECS #:TT2100000

Fraction by Wt: 6.5%

OSHA PEL:C, 2 MG/M3

ACGIH TLV:C 2 MG/M3; 9192

EPA Rpt Q

ty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:CADMIUM (SARA III)
CAS:7440-43-9
RTECS #:EU9800000
Fraction by Wt: 14.7%
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: 26.1%
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9192

Ingred Name:NON-HAZARDOUS INGREDIENTS
Fraction by Wt: 52.7%

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

Routes of Entry: Inhalation:YES
Skin:NO Ingestion:YES
Health Hazards Acute and Chronic:ELECTROLYTE (LIQUID) IS CORROSIVE TO ALL BODY TISSUES. CADMIUM AND NICKEL, THE ELECTRODE MATERIALS ARE CARCINOGENIC.
Explanation of Carcinogenicity:CADMIUM & NICKEL ARE SUSPECTED HUMAN CARCINOGENS.

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

First Aid:INHAL:RMV TO FRESH AIR. IF NOT BRTHNG GIVE CPR; IF BRTHNG DIFF GIVE OXYGEN. EYE:IMMED FLUSH W/PLENTY OF WATER. SKIN: WASH W/SOAP & WATER. RMV C
ONTAM CLTHG & SHOES. INGEST:DO NOT INDUCE VOMIT. NOTHG BY MOUTH IF UNCONSC. GET MEDICAL ATTN.

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

Extinguishing Media:EXTINGUISH W. AGENT SUITABLE FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR CHEM PROT. SUIT WITH SCBA. COOL CONTRS WITH H2O.
Unusual Fire/Explosion Hazard:CADMIUM OXIDE FUMES, DUST,VAPORS

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

Spill Release Procedures:WASH DOWN WITH WAT

ER,NEUTRALIZE WITH CITRIC
ACID

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Handling and Storage
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Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED
AREA. PROTECT FROM PHYSICAL DAMAGE. KEEP CONTAINERS CLOSED.
MAINTAIN STRICT HYGIENE FOR CHEM HANDLING.

Other Precautions:DO NOT BREAK INTO BATTERY CASE. DO NOT INCINERATE
BATTERY CASES.

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Exposure Controls/Personal Protection
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Respiratory Protection:NONE

Ventilation:NONE

Protective Glov

es:RUBBER

Eye Protection:GOGGLES

Other Protective Equipment:RUBBER OR PLASTIC GARMENTS

Supplemental Safety and Health

MSDS NON-STD DATED 21OCT86. BATTERY TYPE IS HVO1.1.

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Physical/Chemical Properties
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HCC:B1

Spec Gravity:1.27

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR,ODORLESS.

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

AVOID ACIDS.

Stability Condition to Avoid:NONE

Hazardous

Decomposition Products:SUBLIMES AS CDO AT Z800F

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Disposal Considerations
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Waste Disposal Methods:LANDFILL IAW ALL LAWS & REGS. DO NOT INCINERATE.

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