

SAFT AMERICA INC. POWER SOURCES DIV. -- BATTERY STORAGE -- 6140-01-099-0252

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Product Identification  
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Product ID: BATTERY STORAGE

MSDS Date: 10/21/1986

FSC: 6140

NIIN: 01-099-0252

MSDS Number: BGLSJ

=== 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 P

hone 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

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Composition/Information on Ingredients  
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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 Qty: 1000 LBS

DOT Rpt Qty: 1000

LBS

Ingred Name:CADMIUM (SARA III)  
CAS:7440-43-9  
RTECS #:EU9800000  
Fraction by Wt: 14.63%  
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: 26.07%  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9192

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 52.8%

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

Routes of Entry: Inhalation:YES Skin:YES I  
ngestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:ACUTE: 1.KOH:SKIN BURNS.  
2.NI,NI(OH)\*2,CD,CD(OH)\*2,POSSIBLE CONTACT DERMATITIS. CHRONIC:  
1.NI,NI(OH)\*2,CD,CD(OH)\*2,SUSPECTED CARCINOGEN 2.CD,CD(OH)\*,RENAL  
FAILURE,RESPIRATORY PROBLEMS.  
Explanation of Carcinogenicity:CD:PROBABLE CARCINOGEN W.SUFFICIENT DATA  
IN ANIMAL,INAD.IN HUMANS;NI:PROBABLE CARCINOGEN W.LIMITED DATA IN  
HUMANS.  
Effects of Overexposure:CONTACT WITH SKIN & E  
YE CAUSE BURNS. SEE HEALTH  
HAZARDS.  
Medical Cond Aggravated by Exposure:ANY MEDICAL CONDITION AFFECTING  
SAME ORGANS AS THOSE AFFECTED BY OVEREXPOSURE.

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

First Aid:EYES:WASH WITH LARGE VOLUMES OF WATER,SEE PHYSICIAN;SKIN:WASH  
WITH LARGE VOLUMES OF WATER;INHALATION:REMOVE TO FRESH AIR,SEE  
PHYSICIAN;INGESTION:DRINK CITRIC JUICES OR LARGE VOLUME OF  
WATER.SEE PHYSICIAN IMMEDIATELY.

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===== Fire F

ighting Measures =====

Extinguishing Media:NONE SPECIFIED.AS REQUIRED FOR SURROUNDING MATERIALS

Fire Fighting Procedures:WEAR CHEMICAL PROTECTIVE SUIT WITH SELF CONTD BRTHG APP.

Unusual Fire/Explosion Hazard:CDO FUMES,VAPOR,DUST. CONTAINERS MAY RUPTURE ON HEAT OF FIRE. TOXIC GAS MAY ESCAPE DURING FIRE.

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

Spill Release Procedures:WEAR CHEMICAL PROTECTIVE SUIT & SCBA. NEUTRALIZE SPILL WITH ACETIC ACID SOLUTION. ABSORB IN INERT ABSORBENT. SHOVEL INTO SUITABLE DISPOSAL CONTAINER. FLUSH RESIDUE WITH COPIOUS AMOUNTS OF WATER.

Neutralizing Agent:5% ACETIC ACID

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

Handling and Storage Precautions:DO NOT BREAK OPEN BATTERY CASE. ELECTROLYTE IN BATTERY IS CORROSIVE. CARE SHOULD BE TAKEN TO AVOID CONTACT

Other Precautions:DO NOT BREAK OPEN BATTERY CASE.

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

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Respiratory Protection:NONE NORMALLY NEEDED. SCBA DURING FIRE OR SPILL.

Ventilation:NO SPECIAL REQUIREMENTS W ADEQUATE VENT.

Protective Gloves:RUBBER

Eye Protection:GOGGLES

Other Protective Equipment:RUBBER OR PLASTIC GARMENTS.

Work Hygienic Practices:STANDARD PRACTICE

Supplemental Safety and Health

MSDS INFORMATION APPLIES TO ELECTROLYTE INSIDE BATTERY.

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

HCC:B1

Spec Gravity:1.28

Solubility in Water:COMPLETE

Appearance

and Odor: CLEAR, ODORLESS LIQUID-IN BATTERY

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

Stability Indicator/Materials to Avoid: YES

ACIDS, OXIDIZERS

Stability Condition to Avoid: NONE

Hazardous Decomposition Products: SUBLIMES AS CDO AT 2800F

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

Waste Disposal Methods: SEND TO A CERTIFIED WASTE DISPOSAL SITE. DISPOSE OF IAW ALL APPLICABLE FEDERAL, STATE & LOCAL REGULATIONS. \*DO NOT INCINERATE\*

Disclai

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