

SAFT AMERICA INC., POWER SOURCES DIV. -- BATTERY STORAGE,NI-CAD -- 6140-01-142-8488  
===== Product Identification =====

Product ID:BATTERY STORAGE,NI-CAD

MSDS Date:10/21/1986

FSC:6140

NIIN:01-142-8488

MSDS Number: BRKKH

=== 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 Phone Num:912-247-2331

Preparer's Name:DGSC-SSH

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

= 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

Ingre

d Name:CADMIUM (SARA III)  
CAS:7440-43-9  
RTECS #:EU9800000  
= 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  
= Wt:26.1  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9192

Ingred Name:NON-HAZARDOUS INGREDIENTS  
= Wt:52.7

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

LD50 LC50 Mixture:NOT KNOWN  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:  
y:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:NONE. IF BATTERY IS BROKEN OR LEAKING,  
ELECTROLYTE (LIQUID) IS CORROSIVE TO ALL BODY TISSUES. CADMIUM AND  
NICKEL, THE ELECTRODE MATERIALS ARE CARCINOGENIC.  
Explanation of Carcinogenicity:CONTAINS C [7440-43-9] WHICH IS  
LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.  
Effects of Overexposure:IF BROKEN: CORROSIVE TO ALL BODY TISSUES.  
Medical Cond Aggravated by Exposure:NOT KNOWN

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===== Fir  
st Aid Measures =====

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:FLUSH WITH  
PLENTY OF WATER. EYE:FLUSH WITH WATER FOR 15 MINUTES, HOLDING  
EYELIDS OPEN. INHALED:REMOVE TO FRESH AIR. ORAL:DO NOT INDUCE  
VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS  
TO PREVENT ASPIRATION OF LIQUID INTO LUNGS. GET MEDICAL ATTENTION.

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

Flash Point:NOT RELEVANT  
Extinguishing Media:

WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:CADMIUM OXIDE FUMES, DUST,VAPORS

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

Spill Release Procedures:WASH DOWN WITH WATER, NEUTRALIZE WITH CITRIC ACID

Neutralizing Agent:CITRIC ACID

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

Handling and Storage Precautions:STORE IN COOL, DRY AREA. PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:WEAR GLOVES TO HANDLE LEAKING BATTERIES.

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

Respiratory Protection:NONE

Ventilation:NONE

Protective Gloves:RUBBER, IF HANDLING LEAKERS

Eye Protection:GOGGLES RECOMMENDED

Other Protective Equipment:RUBBER

OR PLASTIC GARMENTS IF HANDLING LEAKERS, EYE WASH STATION

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

THIS MSDS WAS GENERATED USING THE NI-CAD MSDS OF THIS MANUFACTURER FOR NSN 6140-00-402-6350.

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

HCC:Z5

Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Decomp Temp:Decomp Text:NOT KNOWN

Spec Gravity:NOT KNOWN

Evaporation Rate & Reference:NOT RELE

VANT

Solubility in Water:NOT RELEVANT

Appearance and Odor:MANUFACTURED ARTICLE (BATTERY)

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

Stability Indicator/Materials to Avoid:YES

AVOID ACIDS

Stability Condition to Avoid:EXCESSIVE HEAT

Hazardous Decomposition Products:MAY FORM TOXIC FUMES.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE  
AND FEDERAL REGULATIONS. DO NOT INCINERATE.

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