

SAFT AMERICA INC. -- BATTERY,STORAGE 43B006AC02G1 -- 6140-01-023-8552

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

Product ID:BATTERY,STORAGE 43B006AC02G1

MSDS Date:10/21/1986

FSC:6140

NIIN:01-023-8552

MSDS Number: BGXHQ

=== Responsible Party ===

Company Name:SAFT AMERICA INC.

Address:711 INDUSTRIAL BLVD.

City:VALDOSSTA

State:GA

ZIP:13601

Info Phone Num:912-247-2331

Emergency Phone Num:912-247-2331

Preparer

's Name:WILLAIAM D. 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 Qty:1000 LBS

DOT Rpt Qty:1000 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: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

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

Routes of Entry: Inhalation:YES Skin:UNKNOWN Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ELECTROLYTE IS CORROSIVE TO BODY
TISSUES. HAZARDS INCLUDE ELECTROLYTE CONTACT(UNLIKELY DURING NORMAL
USE) AND PHYSICAL HAZARDS DUE TO EXPLOSION OR SHORTING OF TERMALS.
CONTACT WITH THE CADMIUM IS UNLIKELY UNLESS CASE IS BROKEN OR
RUPTURED
Explanation of Carcinogenicity:IARC & NTP LIST "CARDIUM COMPOUNDS".SEE
REPORTS FOR SPECIFICS.
Effects of Overexposure:EYE:BURNING SKIN:IRRITATION,BURNING.
INHALED:RESPIRATORY IRRITATION,BURNING,COUGHING. INGESTED:G/I
IRRITATION
BURNING.
Medical Cond Aggravated by Exposure:NONE

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

First Aid:EYE:FLUSH WITH WATER 15 MIN. SKIN:REMOVE CONTAMINATED
CLOTHING.WASH WITH SOAP & WATER.LAUNDER CLOTHING BEFORE REUSE.
INHALED:REMOVE FROM EXPOSURE,RESTORE BREATHING IF NECESSARY.
INGESTED:DO NOT INDUCE VOMITING. GIVE MILK OR WATER TO DRINK.GET
PROMPT MEDICAL ATTENTION.

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

Flash Point:

NONE
Lower Limits:4.1 (H*2)
Upper Limits:74.2 (H*2)
Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:ACID MIST & VAPOR GENERATED BY FIRE ARE
CORROSIVE. COOL BATTERY WITH WATER SPRAY. WEAR PROTECTIVE CLOTHING
AND SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:BATTERY WILL GENERATE EXPLOSIVE
HYDROGEN DURING OVER CHARGE. VENTILATE CHARGING AREA.

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

Spill Release Procedures:NEUTRALIZE SPILLED ELECTROLYTE. FLUSH TO
DRAIN.
Neutralizing Agent:6M HYDROCHLORIC OR ACETIC ACID.

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

Handling and Storage Precautions:STORE IN COOL DRY,AREA.BE SURE
CHARGING AREA IS WELL VENTILATED AND FREE FROM SPARKS AND IGNITION
SOURCES.
Other Precautions:DO NOT SHORT TERMINALS.

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

Respiratory Protection:NONE EXPECTED TO BE NECESSARY.
USE NIOSH/MSHA
RESPIRATOR FOR ALKALI MISTS IF EXPOSED ABOVE TLV/PEL.
Ventilation:NORMAL ROOM VENTILATION IS LIKELY.
Protective Gloves:RUBBER/PLASTIC IF CONTACT IS LIKELY.
Eye Protection:SAFETY GLASSES (SPLASH GOGGLES).
Other Protective Equipment:WEAR BOOTS RUBBER.APRON,GOGGLES IF SPLASHING
OF ELECTROLYTE IS LIKELY. SAFETY SHOWER-EYE WASH.
Work Hygienic Practices:EUSE STRICT CHEMICAL HYGIENE (AVOID ALL
POSSIBLE CONTACT) IF HANDLING ELECTROLYTE. OTHERWISE GOOD
INDUSTRIAL HYGIENE.
Supplemental Safety and Health

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

HCC:B1
pH:ALKALI
Solubility in Water:MISCIBLE ELECTROLYTE
Appearance and Odor:PLASTIC CASE WITH ELECTRIC CONNECTORS CONTAINING
CLEAR,COLORLESS,ODORLESS LIQUID

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

Stability Indicator/Materials to Avoid:YES
ACID (ELECTROLYTE)
Stability Condition to Avoid:OVERCHARGING,SPARKS,SMOKING.
Hazardous Decomposition Products:EXPLOSIVE HYD

ROGEN MIXTURE.(DURING
CHARGE/OVERCHARGE)

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

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.
RETURN BATTERY TO RECYCLER.FOR METAL RECOVERY.

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