

SAFT AMERICA INC POWER SOURCES DIV -- P/N 402037-005 -- 6140-01-092-3553

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

Product ID:P/N 402037-005

MSDS Date:10/21/1986

FSC:6140

NIIN:01-092-3553

MSDS Number: BPZTT

=== 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 N

um:912-247-2331

CAGE:09052

=== Contractor Identification ===

Company Name:ADVANCED INDUSTRIES INC

Address:415 NORTHCUTT STREET

Box:5666

City:LONGVIEW

State:TX

ZIP:75608

Country:US

Phone:214-236-4101

CAGE:0GA21

Company Name:AVEX ELECTRONICS CORP

Address:1683 WINCHESTER ROAD

Box:1026

City:BENSALEM

State:PA

ZIP:19020-4510

Country:US

Phone:215-638-1515

CAGE:58414

Company Name:PLAINVIEW BATTERIES INC

Address:23 NEWTOWN RD

Box:City:PLAINVIEW

State:NY

ZIP:11803

Country:US

Phone:516-249-2873

CAGE:0LEJ1

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: 8-15%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.1 MG/M3 (FUME)
ACGIH TLV:0.05 MG/M3

Ingred Name:NICKEL AND NICKEL HYDROXIDE
Fraction by Wt: 3-5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1.0 MG/M3
ACGIH TLV:1.0 MG/M3

Ingred Name:
e:POTASSIUM HYDROXIDE (SARA III)
CAS:1310-58-3
RTECS #:TT2100000
Fraction by Wt: 2-4%
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
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:CONTACT WITH INTERNAL CONTE

NTS 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 AND CADMIUM ARE LISTED UNDER IARC AND NTP.

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

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

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 T O EXPLODE.

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

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.

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

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.

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

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
I

INTERNAL CONTENTS.

Supplemental Safety and Health

NONE

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

HCC:Z5

Appearance and Odor:NI-CAD 6.0 VOLT STORAGE BATTERY, 3.375 IN HEIGHT X
0.675 IN DIAMETER.

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

Stability Indicator/Materials to Avoid:YES

ACIDS.

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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