

SAFT AMERICA INC POWER SOURCES DIV -- 711425-3 NI-CAD AIRCRAFT BATTERY --
6140-01-415-0921

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

Product ID:711425-3 NI-CAD AIRCRAFT BATTERY

MSDS Date:12/01/1991

FSC:6140

NIIN:01-415-0921

MSDS Number: CDQQD

=== 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 912-245-2880(FAX)

Emergency Phone Num:912-247-2331

CAGE:09052

=== Contractor Identification ===

Company Name:AEROSPACE AVIONICS INC.

Address:1000 MADARTHUR HIGHWAY

Box:City:BOHEMIA

State:NY

ZIP:11716

Country:US

Phone:516-467-5500

CAGE:19623

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 (SARA

313) (CERCLA)
CAS:7440-43-9
RTECS #:EU9800000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.2 MG/M3 DUST; Z-2
ACGIH TLV:0.01 MG/M3 DUST;9596
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:CADMIUM OXIDE (SARA 302/313) (CERCLA)
CAS:1306-19-0
RTECS #:EV1925000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.2 MG (CD)/M3 DUST
ACGIH TLV:0.01 MG(CD)/M3; 9596

Ingred Name:NICKEL (SARA 313) (CERCLA)
CAS:7440-02-0
RTECS #:QR5950000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 959
6

Ingred Name:NICKEL HYDROXIDE (SARA 313) (CERCLA)
CAS:12054-48-7
RTECS #:QR7040000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG(NI)/M3
ACGIH TLV:0.1 MG(NI)/M3; 9596
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:NICKEL OXIDE
CAS:1313-99-1
RTECS #:QR8400000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3 AS NI
ACGIH TLV:1 MG/M3 AS NI

Ingred Name:NYLON RESIN(CASE MATERIAL).
Other REC Limits:NONE RECOMMENDED

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

Routes

of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:**ELECTROLYTE IS CORROSIVE** EYES:MAY CAUSE SEVERE DAMAGE OR POSSIBLE BLINDNESS.NICKEL OXIDE MAY CAUSE MINOR IRRITATION.SKIN:MAY CAUSE SEVERE IRRITATION.NICKEL COMPOUNDS MAY CAUSE SENSITIZATION.INGEST :MAY CAUSE GI TRACT IRRITATION.INHAL:MAYCAUSE RESPIRATORY IRRITATION.CHRONIC:NI AND CD ARE CARC.CD MAY DAMAGE KIDNEYS.

Explanation of Carcinoge

nicity:NICKEL AND CADMIUM ARE CARCINOGENS.

Effects of Overexposure:SKIN:NICKEL ITCH,ECZEMA.INGEST:NAUSEA AND INTESTINAL DISORDERS.INHAL:(CADMIUM OXIDE)DRY THROAT,COUGH,HEADACHE,VOMITING,CHEST PAINS AND CHILLS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND COLD WATER.GET MEDICAL ATTENTION IF NEEDED.EYES:FLUSH WITH WATER FOR 15

MINUTES.GET IMMEDIATE MEDICAL ATTENTION.INHAL:REMOVE TO FRESH AIR.GIVE OXYG EN OR ARTIFICIAL RESPIRATION IF NEEDED.GET IMMEDIATE MEDICAL ATTENTION.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,GIVE MILK OR WATER TO DILUTE STOMACH CONTENTS.

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

Flash Point:NONE

Extinguishing Media:CARBON DIOXIDE AND SAND.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND F

ULL PROTECTIVE EQUIPMENT,INCLUDING CORROSIVE RESISTANT CLOTHING.

Unusual Fire/Explosion Hazard:FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.BATTERY OPERATION EVOLVES HYDROGEN GAS;BATTERY MUST BE VENTED TO ATMOSPHERE.

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

Spill Release Procedures:SMALL(