

SAFT AMERICA INC. POWER SOURCES DIV. -- NICKEL CADMIUM BATTERY -- 6140-01-274-0835

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

Product ID:NICKEL CADMIUM BATTERY

MSDS Date:01/01/1987

FSC:6140

NIIN:01-274-0835

MSDS Number: BJNSR

=== 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:912-247-2

331

Emergency Phone Num:912-247-2331

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:NICKEL (SARA III)

CAS:7440-02-0

RTECS #:QR5950000

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9192

Ingred Name:CADMIUM (SARA III)

CAS:7440-43-9

RTECS #:EU9800000

OSHA PEL:SEE 1910.1027

ACGIH TLV:0.0

1 MG/M3 DUST;9394  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

Ingred Name:COBALT (SARA III)  
CAS:7440-48-4  
RTECS #:GF8750000  
OSHA PEL:0.1 MG/M3;AS CO  
ACGIH TLV:0.05 MG/M3;DUST 9293

Ingred Name:POTASSIUM HYDROXIDE (SARA III)  
CAS:1310-58-3  
RTECS #:TT2100000  
Fraction by Wt: 10%  
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 =====

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:THERE IS NO PROBLEM UNDER THE NORMAL  
CONDITIONS BECAUSE OF THE SEALED BATTERY. IF THERE IS A LEAKAGE,  
THE ELETROLYTE IS CAUSTIC. DO NOT ALLOW SKIN OR EYE CONTACT.  
Effects of Overexposure:SEE "HEALTH HAZARD".  
Medical Cond Aggravated by Exposure:NONE.

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

First Aid:EYE: FLUSH WITH WATER FOR 15 MINUTES, FOLLOW-UP MEDICAL  
ATTENTION; SKIN: USE VINEGAR  
OR OTHER MILD ACID MAY BE USED FOR  
NEUTRALIZATION.

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

Flash Point:NONE  
Fire Fighting Procedures:NICKEL AND CADMIUM FUME MAY BE RELEASED AT  
ELEVATED TEMPERATURES.  
Unusual Fire/Explosion Hazard:NONE STATED.

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

Spill Release Procedures:NEUTRALIZE WITH WEAK ACID, OR SODA ASH, AND  
THEN FLUSH ELECTROLYTE SPILLS WITH WATER.

=====  
===== Handling a

nd Storage =====

Handling and Storage Precautions:NONE STATED.  
Other Precautions:NONE STATED.

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

Respiratory Protection:USUALLY NONE REQUIRED.  
Ventilation:NORMAL VENTILATION.  
Protective Gloves:USUALLY NONE  
Eye Protection:USUALLY NONE  
Work Hygienic Practices:NONE STATED.  
Supplemental Safety and Health

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

HCC:N1  
Solubility in Water:INSOLUBLE  
Appearance and Odor:SOLID BATTERY.

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

Stability Indicator/Materials to Avoid:YES  
NONE STATED.  
Stability Condition to Avoid:NONE STATED.  
Hazardous Decomposition Products:NICKEL AND CADMIUM FUME MAY BE  
RELEASED AT ELEVATED TEMPERATURES (CADMIUM 500F, NICKEL 2500F)

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

Waste Disposal Methods:TO COMPLY WITH LOCAL, STATE AND FEDERAL  
REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.