View NSN Online: https://aerobasegroup.com/nsn/6140-00-881-6887

SAFT AMERICA INC, POWER SOURCES DIV -- NICKEL CADMIUM AIRCRAFT BATTERY 6140-00-881-6887

Product ID:NICKEL CADMIUM AIRCRAFT BATTERY MSDS Date:11/01/1994 FSC:6140 NIIN:00-881-6887 MSDS Number: CFCTF === 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 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

Ingred Name:NICKEL OXIDE CAS:1313-99-1 RTECS #:QR8400000 Fraction by Wt: 18% Other REC Limits:NONE RECOMMENDED OSHA PEL:1 MG/M3 AS NI ACGIH TLV:1 MG/M3 AS NI

Ingred Name: POTASSIUM HYDROXID

E (CERCLA) CAS:1310-58-3 RTECS #:TT2100000 Fraction by Wt: 19% Other REC Limits:NONE RECOMMENDED OSHA PEL:C 2 MG/M3 ACGIH TLV:C 2 MG/M3; 9596 EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

Ingred Name:CADMIUM OXIDE (SARA 302/313) (CERCLA) CAS:1306-19-0 RTECS #:EV1925000 Fraction by Wt: 13% Other REC Limits:NONE RECOMMENDED OSHA PEL:0.2 MG (CD)/M3 DUST ACGIH TLV:0.01 MG(CD)/M3; 9596

Ingred Name:COPPER (SARA 313) (CERCLA) CAS:7440-50-8 RTECS #:GL5325000 Fraction by Wt: 9% Other REC Limits:NONE RECOMM ENDED OSHA PEL:0.1MG/M3 FUME/1 DUST ACGIH TLV:0.2 MG/M3 FUME; 9596 EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

Ingred Name:NYLON 11 CAS:25587-80-8 Fraction by Wt: 15% Other REC Limits:NONE RECOMMENDED

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT GIVEN Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY & GI TRACTS. ACUTE- ELECTROLYTE IS CORROSIVE. INHALE:MIST MAY CAUSE SEVERE IRRITATION OF RESPIRATORY TRACT. EYE:MAY CAUSE PERMANENT BLINDNESS. SKIN: CAUSES BURNS, SENSITIZATION. ORAL:CAUSES TISSUE DAMAGE TO THROAT AREA & GI TRACT. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:CONTAINS CADMIUM [7440-43-9] WHICH IS LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN. CONTAINS NICKEL.

Effects of Overexposure: IF LEAKING OR INCINERATED: IRRITATION, BURNS, CHE

ST PAIN, COUGHING, SWEATING, CHILLS, SHORTNESS OF BREATH, WEAKNESS, BLINDNESS

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SEE DOCTOR. SKIN:WASH WITH SOAP & WATER. OR AL:DO NOT INDUCE VOMITING. IF CONSCIOUS,RINSE MOUTH WITH

WATER & DRINK 1-2 GLASSES OF WATER/MILK. SEEK IMMEDIATE MEDICAL ATTENTION. IF SPONTANEOUS VOMITING OCCURS, MONITOR FOR BREATHING DIFFICULTY.

Flash Point:NONE
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:CARBON DIOXIDE, SAND. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.
Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS TO AVOID BREATHING TOXIC FUMES. WEAR PROTECTIVE C
LOTHING AND EQUIPMENT
TO PREVENT POTENTIAL BODY CONTACT WITH ELECTROLYTE
Unusual Fire/Explosion Hazard:ELECTROLYTE WILL REACT VIOLENTLY WITH MANY ORGANIC CHEMICALS. CADMIUM FUMES MAY BE RELEASED WHEN BATTERIES ARE SUBJECTED TO HIGH TEMPERATURES.

Spill Release Procedures: BATTERY AND CELL CASES WILL NORMALLY CONTAIN MATERIALS OF CONCERN. USE INDUSTRIAL ABSORBENT TO COLLECT LIQUID POTASSIUM HYDROXIDE. WEAR GLO

## VES. NEUTRALIZE WITH CITRIC ACID. Neutralizing Agent:CITRIC ACID

======================================
<ul> <li>Handling and Storage Precautions:STORE AWAY FROM INCOMPATIBLE MATERIALS. AVOID BREAKING, CRUSHING OR OTHERWISE DESTROYING THE PHYSICAL INTEGRITY OF THE CELL OR BATTERY.</li> <li>Other Precautions:DO NOT INCINERATE. DO NOT TOUCH BROKEN OR LEAKING BATTERIES. WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING FUMES OR DUST. KEEP OUT OF REACH OF SMALL CHILDREN. D</li> <li>O NOT TRANSPORT</li> </ul>
BATTERIES WITHOUT VENT CAP IN PLACE.
BATTERIES WITHOUT VENT CAF IN FEACE.
======================================
Respiratory Protection:USE NIOSH APPROVED MIST OR DUST MASK WHEN HANDLING THE LIQUID IN THE BATTERY. WEAR RESPIRATORY PROTECTION IF TLV EXCEEDED.
Ventilation:USE ADEQUATE LOCAL EXHAUST VENTILATION WHEN HANDLING THE LIQUID IN THE BATTERY OR FUMES PRESENT.
Protective Gloves: NEOPRENE, NITRILE FOR LEAKERS
Eye Protection:SAFETY GOGGLES FOR LEAKERS
Other Protectiv
e Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND IMPERVIOUS CLOTHING
Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.
======================================

NRC/State Lic Num:NOT RELEVANT Boiling Pt:B.P. Text:NOT GIVEN Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN Decomp Temp:Decomp Text:NOT GIVEN Vapor Pres:NOT G IVEN Vapor Density:NOT GIVEN Spec Gravity:1.250-1.30 Viscosity:NOT RELEVANT Evaporation Rate & amp; Reference:NOT GIVEN Solubility in Water:ELECTROLYTE-SOLUBLE Appearance and Odor:BATTERY - NO ODOR

Stability Indicator/Materials to Avoid:YES

ELECTROLYTE WILL REACT WITH ALUMINUM, ZINC, TIN, ACIDS, CHLORINATED AND AROMATIC HYDROCARBONS, NITROCARBONS, HALOCARBON. Stability Condition to Avoid:EXCESSIVE HEAT, FIRE. DO NOT ADD SUL

## FURIC

## ACID. Hazardous Decomposition Products:POTASSIUM HYDROXIDE, TOXIC FUMES OF CADMIUM, CADMIUM OXIDE AND NICKEL OXIDE

Waste Disposal Methods:CELLS AND BATTERIES MAY BE RETURNED AT SENDERS EXPENSE TO A PERMITTED TREATMENT, STORAGE, DISPOSAL FACILITY (TSDF). DISPOSAL MUST BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAW S AND REGULATIONS. MAY BE SENT TO SAFT TO RECYCLE.

## Disclaim

er (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.