

AEROSPACE AVIONICS INC. -- NICKEL CADMIUM AIRCRAFT BATTERY -- 6140-01-415-0921
===== Product Identification =====

Product ID:NICKEL CADMIUM AIRCRAFT BATTERY

MSDS Date:10/03/1994

FSC:6140

NIIN:01-415-0921

MSDS Number: CCJHZ

=== Responsible Party ===

Company Name:AEROSPACE AVIONICS INC.

Address:1000 MADARTHUR HIGHWAY

City:BOHEMIA

State:NY

ZIP:11716

Country:US

Info Phone Num:516-467-5500

Emergency P

hone Num:516-467-5500

CAGE:19623

=== 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

===== Composition/Information on Ingredients =====

Ingred Name:NICKEL OXIDE

CAS:1313-99-1

RTECS #:QR8400000

Fraction by Wt: ?

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3 AS NI

ACGIH TLV:1 MG/M3 AS NI

Ingred Name:POTASSIUM HYDROXIDE (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; 9495
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; 9495

Ingred Name:COPPER (SARA 313) (CERCLA)
CAS:7440-50-8
RTECS #:GL5325000
Fraction by Wt: 9%?
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.1MG/M3 FUME/
1 DUST
ACGIH TLV:0.2 MG/M3 FUME; 9495
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:NYLON II
Fraction by Wt: 15%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:EYE:ELCTROLYTE CAUSES RAPID SEVERE
DAMAGE. EXTREMELY CORROSIVE
. MAY CAUSE PERMANENT BLINDNESS.
SKIN:ELECTROLYTE MAY CAUSE SERIOUS BURNS. NICKEL MAY CAUSE
SENSITIZATION. INHALATION:ELECTROLYTE MIST OR CADMIUM OXIDE FUMES
MAY CASUE RESPIRATORY IRRITATION. INGESTION:ELECTROLYTE MAY CAUSE
G/I DAMAGE. NICKEL; NAUSEA ,ETC.
Explanation of Carcinogenicity:NIOSH RECOMMENDS THAT NICKEL & CADMIUM
BE TREATED AS OCCUPATIONAL CARCINOGENS. (DLA-HMIS:FOUND THE OTHER
THREE LISTINGS)
Effects of Overexposure:EYE:RAPID SEVERE DAMAGE, EXTREMELY CORROSI

VE,
PERMANENT BLINDNESS. SKIN:SERIOUS BURNS, SENSITIZATION.
INHALATION:RESPIRATORY IRRITATION. INGESTION:G/I DAMAGE, NAUSEA.
Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION OF MSDS.

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

First Aid:IF IRRITATION PERSISTS OR IS SEVERE, GET MEDICAL ATTENTION.
EYE:FLUSH W/WATER FOR 15 MIN. SKIN:REMOVE CONTAMINATED CLOTHING &
FLUSH W/WATER FOR 15 MIN. INHALED:REMOVE FROM EXPOSURE. AID OR
RESTORE BREATHING AS NEEDED. INGESTED:DO NOT INDUCE VOMITING.
DILUTE BY GIVING WATER. GIVE SEVERAL GLASSES OF MILK IF AVAILABLE.
NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

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

Extinguishing Media:CARBON DIOXIDE, SAND
Fire Fighting Procedures:USE SCBA & WEAR PROTECTIVE CLOTHING &
EQUIPMENT TO PREVENT BREATHING TOXIC FUMES & CONTACT W/ELECTROLYTE.
DISCONNECT OR CUT ALL CABLES TO & FROM BATTERY.
Unusual Fire/
Explosion Hazard:ELECTROLYTE IS CORROSIVE. IT WILL REACT
VIOLENTLY W/MANY ORGANIC COMPOUNDS & WILL REACT W/MANY METALS TO
RELEASE FLAMMABLE HYDROGEN. CADMIUM FUMES ARE TOXIC.

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

Spill Release Procedures:SMALL (