

1.2 SCL NICKEL-CADMIUM BATTERY

MSDS Number

BHCNY

National Stock Number

6140-01-013-8574

Product Name

1.2 SCL NICKEL-CADMIUM BATTERY

Manufacturer

SAFT AMERICA INC POWER SOURCES DIV

Product Identification

Product ID:1.2 SCL NICKEL-CADMIUM BATTERY

MSDS Date:11/20/1986

FSC:6140

NIIN:01-013-8574

MSDS Number: BHCNY

Responsible Party

SAFT AMERICA INC. POWER SOURCES DIV.

711 INDUSTRIAL BLVD

VALDOSTA , GA 31603

US

Emergency Phone: 912-247-2331

Info Phone: 912-247-2331

Preparer: BETH SNYDER

Cage: 09052

Contractor

SAFT AMERICA INC.

1886

VALDOSTA, GA 31602

US

912-247-2331

Cage: 09052

Ingredients

CADMIUM (SARA III)

CAS: 7440-43-9

RTECS: EU9800000

Fraction By Weight: 13-16%

OSHA PELSEE 1910.1027

ACGIH TLV: 0.01 MG/M3 DUST;9394

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

NICKEL (SARA III)

CAS: 7440-02-0

RTECS: QR5950000

Fraction By Weight: 20-30%

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3; 9192

POTASSIUM HYDROXIDE (SARA III)

CAS: 1310-58-3

RTECS: TT2100000

OSHA PELC, 2 MG/M3

ACGIH TLV: C 2 MG/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

COBALTIC (III) HYDROXIDE

CAS: 1307-86-4

RTECS: GG0904000

Fraction By Weight: 0.5-1%

OSHA PEL0.05 MG/M3 (COBALT)

ACGIH TLV: 0.05 MG/M3 (COBALT)

Hazards

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

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

Health Hazards Acute and Chronic:IN CASE OF SKIN CONTACT WITH A LEAKY BATTERY,POTASSIUM AND SODIUM HYDROXIDE CAUSE BURNS TO TISSUE CONTACTED.

Explanation of Carcinogenicity:NICKEL IS ANTICIPATED CARCINOGEN BY NTP,CONFIRMED CARCINOGEN BY IARC. CADMIUM IS SUSPECTED CARCINOGEN BY NTP AND IARC.

Effects of Overexposure:IN CASE OF SKIN CONTACT WITH A LEAKY BATTERY,POTASSIUM AND SODIUM HYDROXIDE CAUSE BURNS TO TISSUE CONTACTED.

Medical Cond Aggravated by Exposure:NONE NOTED.

First Aid

First Aid:IF EXPOSED TO A LEAKY BATTERY,WASH WITH PLENTY OF WATER.MILD ACID MAY BE USED TO NEUTRALIZE.

Fire Fighting

Extinguishing Media:AS APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.TOXIC CADMIUM OXIDE FUMES MAY BE RELEASED DURING BURNING.

Accidental Release

Spill Release Procedures:IN CASE BATTERY LEAKS.WEAR GLOVES.WIPE OFF WITH CLEAN CLOTH AND PLACE CONTAMINATED CLOTH IN DISPOSAL CONTAINER.WRAP LEAKY BATTERY IN PLASTIC AND PLACE IN APPROPRIATE DISPOSAL CONTAINER.

Neutralizing Agent:USE MILD ACID IN CASE OF SKIN CONTACT.

Handling

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED AREA. PROTECT FROM PHYSICAL DAMAGE, HEAT AND IGNITION SOURCES.
Other Precautions:DO NOT SHORT CIRCUIT BATTERIES.IT MAY CAUSE BURNS.

Exposure Controls

Respiratory Protection:NONE
Ventilation:NO SPECIAL REQUIREMENT.
Protective Gloves:NEOPRENE/PVC IF BATTERY LEAKS.
Eye Protection:CHEMICAL GOGGLES IF BATTERY LEAKS.
Other Protective Equipment:NONE
Supplemental Safety and Health
NONE

Chemical Properties

HCC:N1
Appearance and Odor:SEALD CYLINDRICL CONTAINR ENCLOSNG A CD & NI
ELECTRODE & KOH OR NAOH ELECTROLYT

Stability

Stability Indicator/Materials to Avoid:YES
Hazardous Decomposition Products:TOXIC CADMIUM OXIDE FUMES IF
INCINERATED.

Disposal

Waste Disposal Methods:DO NOT INCINERATE BATTERIES.CONSULT YOUR LOCAL ENVIRONMENTAL OFFICER.DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL,STATE AND LOCAL LAWS AND REGULATIONS.

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