

SAFT AMERICA INC PORTABLE BATTERY DIVISION -- NICKEL-CADMIUM SEALED CELL BATTERY --
6140-01-159-2242

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

Product ID:NICKEL-CADMIUM SEALED CELL BATTERY

MSDS Date:02/28/1991

FSC:6140

NIIN:01-159-2242

MSDS Number: BZBDF

=== Responsible Party ===

Company Name:SAFT AMERICA INC PORTABLE BATTERY DIVISION

Address:711 INDUSTRIAL BLVD

Box:1886

City:VALDOSTA

State:GA

ZIP:31601

Country:US

Info Phone Num:912-247-2331

Emergency Phone Num:912-247-2331

Preparer's Name:UNREADABLE

CAGE:67237

=== Contractor Identification ===

Company Name:NETEX INDUSTRIES(FORMER NORTHEAST TEXAS IND)

Address:1700 NORTH EDWARDS STREET

Box:City:MOUNT PLEASANT

State:TX

ZIP:75455

Country:US

Phone:903-577-0388

CAGE:0WAG0

Company Name:SAFT AMERICA INC PORTABLE BATTERY DIVISION

Address:711 INDUSTRIAL BLVD

Box:1886

City:VALDOSTA

State:GA

ZIP:31601

Country:US

Phone:912-247-2331

CAGE:67237

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

Ingred Name:CADMIUM (SARA 313) (CERCLA)

CAS:7440-43-9

RTECS #:EU9800000

Fraction by Wt: 8-20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.2 MG/M3 DUST; Z-2

ACGIH TLV:0.01 MG/M3 DUST;9495

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:CADMIUM HYDROXIDE

CAS:21041-95-2

Fraction by Wt: 8-20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.05 MG CD/M3

ACGIH TLV:0.05 MG CD/M3

Ingred Name:CADMIUM OXIDE (SARA 302/313) (CERCLA)

CAS:1306-19-0

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TECS #:EV1925000

Fraction by Wt: 8-20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.2 MG (CD)/M3 DUST

ACGIH TLV:0.01 MG(CD)/M3; 9495

Ingred Name:NICKEL (SARA 313) (CERCLA)

CAS:7440-02-0

RTECS #:QR5950000

Fraction by Wt: 13-14%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9495

Ingred Name:NICKEL HYDROXIDE (SARA 313) (CERCLA)

CAS:12054-48-7

RTECS #:QR7040000

Fraction by Wt: 13-14%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG(NI)/M3

ACGIH TLV:0.1 MG(NI)/M3; 9495

EPA Rp

t Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:NICKEL OXIDE
CAS:1313-99-1
RTECS #:QR8400000
Fraction by Wt: 13-14%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3 AS NI
ACGIH TLV:1 MG/M3 AS NI

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:ACUTE: INHALATION OF DUST OR FUMES
FROM CADMIUM OR NICKEL MAY CAUSE IRRITATION OF NOS
E AND THROAT.
INGESTION OF CADMIUM OR NICKEL DUST MAY CAUSE GI TRACT IRRITATION.
NICKEL AND CERTAIN NICKEL COMPOUNDS MAY CAUSE DERMATITIS ON SKIN
CONTACT.CHRONIC: PROLONGED OR REPEATED EXPOSURE MAY CAUSE LUNG
CANCER OR BONE LESIONS.
Explanation of Carcinogenicity:CONTAINS CADMIUM AND NICKEL AND THEIR
COMPOUNDS WHICH ARE LISTED BY NTP AND IARC AND REGULATED BY OSHA AS
A CARCINOGEN.
Effects of Overexposure:INHALED: COUGHING, SNEEZING, WHEEZING,
SHORTNESS OF BREATH, CHILLS, WEAKNESS, COUGHING, CHEST PAINS. SKIN:
REDNESS, ITCHING, DISCOMFORT. INGESTED: NAUSEA, VOMITING, DIARRHEA,
ABDOMINAL CRAMPS.
Medical Cond Aggravated by Exposure:RESPIRATORY SYSTEM DISORDERS,
PROSTATE DISORDERS, LIVER AND KIDNEY DISORDERS.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.
INGESTION: INDUCE VOMITING IF CONSCIOUS. GET MEDICAL ATTENTION.
SKIN OR EYES: FLUSH WITH WATER FOR
15 MINUTES. GET MEDICAL
ATTENTION IF SYMPTOMS DEVELOP.

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

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, WATER
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE CLOTHING IF INVOLVED IN A FIRE.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:CONTAIN SPILL. COLLECT THE SPILLED MATERIAL
AND PLACE IN A

PLASTIC-LINED CONTAINER; HEPA VACUUMING IS
PREFERRED. FLUSH SPILL AREA WITH WATER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:WEAR PROPER PROTECTIVE CLOTHING. STORE
IN A COOL, DRY AREA.

Other Precautions:KEEP CONTAINER CLOSED. AVOID CONTACT WITH CLOTHES.
AVOID GENERATING DUST.

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Exposure Controls/Personal Protection
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Respiratory Protection:NONE
NORMALLY REQUIRED. IF EMERGENCY OCCURS; USE
NIOSH/MSHA APPROVED RESPIRATOR WITH DUST CARTRIDGE. USE IN
ACCORDANCE WITH 29 CFR 1910.134 AND THE RESPIRATOR MANUFACTURER'S
RECOMMENDATIONS.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST TO
MAINTAIN EXPOSURE BELOW PEL/TLV.

Protective Gloves:PVC OR NEOPRENE IF SPILLED OR BROKEN

Eye Protection:SAFETY GLASSES

Other Protective Equipment:WEAR COVERALLS WHEN HANDLING. HMIS: EYE WASH
STATION & SAFETY SHOWER AVAILABLE.

W

ork Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

DLA-HMIS STAFF NOTED A COMMENT IN IDENTITY SECTION OF MFR MSDS: NETEX
INDUSTRIES P/N 2242BP. MSDS WAS RECEIVED IN MAIL (SOURCE UNKNOWN BY
DATA ENTRY PERSON)- NO CONTRACT HISTORY FROM EITHER SAFT OR NE TEX
FOR THIS NSN WAS FOUND.

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Physical/Chemical Properties
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HCC:N1

Spec Gravity:1.6

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olubility in Water:NEGLIGIBLE

Appearance and Odor:BATTERY ASSEMBLY, CASE DESIGN SEALED, 6 CELLS,26.4
MM DIAMETERX 286.5 MM LENGTH

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:METAL OXIDE FUME MAY BE EVOLVED AT
TEMPERATURES ABOVE MELTING POINT.

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Disposal Considerations
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Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE,
AND LOCAL LAWS. FOLLOWING EPA WASTE NUMBERS MAY APPLY: D001, D002,
D006.

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