

## **NICKEL-CADMIUM BATTERY, VENTED BB 664/A**

### **MSDS Number**

BSBBV

### **National Stock Number**

6140-01-307-1326

### **Product Name**

NICKEL-CADMIUM BATTERY, VENTED BB 664/A

### **Manufacturer**

SAFT AMERICA INC POWER SOURCES DIV

### **Product Identification**

Product ID:NICKEL-CADMIUM BATTERY, VENTED BB 664/A

MSDS Date:08/03/1993

FSC:6140

NIIN:01-307-1326

MSDS Number: BSBBV

### **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: CECOM SAFETY OFFICE

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: 14-15%

OSHA PELSEE 1910.1027

ACGIH TLV: 0.01 MG/M3 DUST;9394

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

CADMIUM HYDROXIDE

CAS: 21041-95-2

OSHA PEL0.1 MG/M3 (CD FUME)  
ACGIH TLV: 0.05 MG/M3 (CD FUME)

NICKEL (SARA III)  
CAS: 7440-02-0  
RTECS: QR5950000  
Fraction By Weight: 26%  
OSHA PEL1 MG/M3  
ACGIH TLV: 1 MG/M3; 9293

NICKEL HYDROXIDE (SARA III)  
CAS: 12054-48-7  
RTECS: QR7040000  
OSHA PEL1 MG NI/M3  
ACGIH TLV: 0.1 MG NI/M3; 9293  
EPA Report Quantity: 10 LBS  
DOT Report Quantity: 10 LBS

POTASSIUM HYDROXIDE (SARA III) 30% SOLUTION  
CAS: 1310-58-3  
RTECS: TT2100000  
Fraction By Weight: 6.5%  
OSHA PELC, 2 MG/M3  
ACGIH TLV: C 2 MG/M3; 9293  
EPA Report Quantity: 1000 LBS  
DOT Report Quantity: 1000 LBS

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:INTACT BATTERIES PRESENT NO SPECIFIC  
HAZARDS. BURNING BATTERIES MAY EMIT TOXIC FUMES. LEAKING  
BATTERIES LEAK CORROSIVE MATERIAL IRRITATING TO SKIN, EYES AND  
MUCOUS MEMBRANES  
Explanation of Carcinogenicity:CD, NI, ARE NTP SUSPECT CARCINOGENS. CD  
IS IARC CARCINOGEN.  
Effects of Overexposure:ELECTROLYTE EXPOSURE TO SKIN/EYES WILL CAUSE  
SEVERE IRRITATION. INHALATION OF FUMES MAY CAUSE SEVERE  
RESPIRATORY IRRITATION.  
Medical Cond Aggravated by Exposure:RESPIRATORY ALIMENTS- W/BURNING  
BATTERIES SKIN CONDITIONS- W/ LEAKING BATTERIES

## First Aid

First Aid:IF BATTERY CONTENTS COME IN CONTACT WITH THE BODY WASH  
AFFECTED AREA FOR AT LEAST 15 MINUTES WITH CLEAN WATER.DO NOT  
ATTEMPT TO NEUTRALIZE. SEEK MEDICAL ATTENTION PROMPTLY.

## Fire Fighting

Extinguishing Media:CARBON DIOXIDE OR DRY CHEMICAL FIRE EXTINGUISHER,  
10-B:C

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE SELF CONTAINED BREATHING APPARATUS. BATTERY/CELLS MAY RELEASE TOXIC FUMES, IF SUBJECT TO FIRE/EXTREME HEAT.  
Unusual Fire/Explosion Hazard:STRONG OXIDERIZERS (E.G.,ACIDS) AND FIRE.

## Accidental Release

Spill Release Procedures:SPILL OR LEAK PROCEDURES (PRECAUTIONS FOR SAFE HANDLING & USE) AVOID SKIN OR EYE CONTACT. USE NON FLAMMABLE ABSORBENT MATERIAL FOR CLEAN-UP. COORDINATE WITH INSTALLATION SAFETY AND ENVIRONMENTAL OFFIC ES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:DO NOT ABUSE OR SHORT CIRCUIT. STORE COOL, DRY AND IN A WELL VENT AREA. SEPARATE FROM OTHER HAZARDOUS MATERIALS. AREA APPROVED BY LOCAL FIRE DEPARTM

Other Precautions:DO NOT INVERT BATTERY OR CAUSE TO SPILL. RECHARGE IAW METHODS SPECIFIED IN APPLICABLE TECHNICAL MANUAL. DO NOT OVERCHARGE.

## Exposure Controls

Respiratory Protection:IF BATTERIES ARE BURNING USE SCBA

Ventilation:CONTACT LOCAL SAFETY/INDUSTRIAL HYGIENE OFFICE TO DETERMINE IF LOCAL EXHAUST VENTILATION IS NEEDED

Protective Gloves:CHEMICAL RESISTANT GLOVES

Eye Protection:CHEMICAL SAFETY GLASSES/GOGGLES

Other Protective Equipment:CHEMICAL RESISTANT APRON

Work Hygienic Practices:AVOID SKIN EYE CONTACT WITH ELECTROLYTE. DO NOT EAT OR SMOKE IN BATTERY SERVICE AREA.

Supplemental Safety and Health

CONTRACT # ???? THIS MSDS WAS CODED FROM A CECOM MATERIAL SAFETY DATA SHEET NOT THE MANUFACTURERS. CECOM SAFETY OFFICE, FT MONMOUTH, NJ 07703-5024 AUTOVON 995-3112.

## Chemical Properties

pH:UNK

Appearance and Odor:NICKEL-CADMIUM BATTERY,VENTED

Percent Volatiles by Volume:UNK

Corrosion Rate:UNK

## Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS (E.G., ACIDS). STORE SEPARATELY FROM OTHER HAZARDOUS MATERIALS

Stability Condition to Avoid:FIRE AND EXTREME HEAT. DO NOT SHORT CIRCUIT OR OVERCHARGE

Hazardous Decomposition Products:WHEN EXPOSED TO FIRE OR EXTREME HEAT, BATTERIES MAY EMIT TOXIC FUMES

## Disposal

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. COORDINATE WITH SUPPORTING INSTALLATION AND/OR MACOM ENVIRONMENTAL OFFICE PRIOR TO DISPOSAL

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