View NSN Online: https://aerobasegroup.com/nsn/6140-01-345-4297

JAPAN STORAGE BATTERY CO -- SEALED MAINTENANCE FREE BATTERIES -- 6140-01-345-4297
========== Product Identification ==========

Product ID:SEALED MAINTENANCE FREE BATTERIES
MSDS Date:12/11/1987
FSC:6140
NIIN:01-345-4297
MSDS Number: CCSXL
=== Responsible Party ===
Company Name:JAPAN STORAGE BATTERY CO
City:KYOTO, JAPAN
Country:US
Info Phone Num:075-312-1211
Emergency Phone Num:075-312-1211
CAGE:54251
=== Co
ntractor Identification ===
Company Name:FLUKE, JOHN MFG CO INC
Address:6920 SEAWAY BLVD
Box:9090
City:EVERETT
State:WA
ZIP:98206-9090
Country:US
Phone:206-347-6100
CAGE:89536
Company Name:JAPAN STORAGE BATTERY CO
Box:City:KYOTO, JAPAN
Phone:075-312-1211
CAGE:54251
Company Name:JEFCO PRECISION FASTENERS INC
Address:10 QUAKEROAK ROAD
Box:UNKNOW
City:LEVITTOWN
State:PA
ZIP:19057
Country:US
Phone:215-949-3433
CAGE:0PES2

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

Ingred N

ame:LEAD (AS PB,PB02,PBSO4)
Fraction by Wt: 70%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SULFURIC ACID
Fraction by Wt: 30%
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SULFURIC ACID-SULFURIC ACID IS VERY CORROSIVE. CONTACT WITH THE ACID CAN CAUSE SEVER BURNS IN THE SKIN AND EYES. ING
ESTION OF SULFURIC ACID WILL CAUSE GI TRACT BURNS.
ACID CAN BE RELEASED IF THE BATTE RY CASE IS DAMAGED OR IF THE VENTS ARE TEMPERED WITH.
Explanation of Carcinogenicity:NOT CARCINOGENIC.
Effects of Overexposure:LEAD-THE EFFECTS OF LEAD ARE CUMULATIVE, AND SLOW TO APPEAR. IF AFFECTS THE KIDNEYS, REPORDUCTIVE AND CENTRAL NERVOUS SYSTEM. THE SYMPTOMS OF LEAD OVEREXPOSURE ARE ANEMIA, VOMITING, HEADACHE, STOMACH PAIN, DIZZINESS, LOSS OF APPETITE, AND MUSCLE JOINT PAIN.
Medic
al Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN: FLUSH WITH WATER, SEE PHYSICIAN IF CONTACT AREA IS LARGE, OR IF BLISTERS FORM. EYE: CALL PHYSICIAN IMMEDIATELY, FLUSH WITH/WATER FOR AT LEAST 15 MIN OR UNTIL MD ARRIVES. INGEST: CALL PHYSICIAN. IF PATIENT IS CONSCIOUS, FLUSH MOUTH WITH WATER, HAVE THE PATIENT DRINK MILK, OR SODIUM BICARBONATE SOLUTION. DO NOT GIVE ANYTHING TO AN
UNCONSCIOUS PERSON.

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

Flash Point:NONE
Extinguishing Media:NONE SPECIFIED BY MANUFACTURER.
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.
Unusual Fire/Explosion Hazard:SEALED BATTERIES CAN EMIT HYDROGEN ONLY IF OVERCHARGED (FLOAT VOLTAGE 2.4 VPC).

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

Spill Release Procedures:IF SULFURIC ACID IS SPILLED FROM A BATTERY, NEUTRALIZE THE ACID WITH

SODIUM BICARBONATE, SODIUM CARBONATE (SODA
ASH) OR CALCIUM OXIDE (LIME). FLUSH THE AREA WITH WATER, AND
DISCARD TO THE SEWAGE SYSTE M. DO NOT ALLOW UNNEUTRALIZED ACID IN
SEWER SYSTEM
Neutralizing Agent:SODIUM BICARBONATE, SODIUM CARBONATE, CALCIUM OXIDE.

========== Handling and Storage ==========

Handling and Storage Precautions:DUE TO THE BATTERY, A LOW INTERNAL
RESISTANCE & HIGH POWDER DENSITY, HIGH LEVEL OF SHORT CIRCUIT
CURRENT CAN BE DEVELOPED
ACROSS THE BATTERY TERMINAL.
Other Precautions:DO NOT REST TOOLS OR CABELS ON THE BATTERY. USE
INSULATED TOOLS ONLY. FOLLOW ALL INSTALLATION INSTRUCTIONS AND
DIAGRAMS WHEN INSTALLING OR MAINTAING BATTERY SYSTEMS.

========== Exposure Controls/Personal Protection ==========

Respiratory Protection:RESPIRATOR FOR LEAD. A RESPIRATOR SHOULD BE WORN
DURING RECLAIM OPERATIONS, IF THE TLV IS EXCEEDED.
Ventilation:NONE SPECIFIED BY MANUFACTURER.
Protective Gloves:RUBBER GLOVES.
Eye P
rotection:SAFETY GOGGLES, FACE SHIELD.
Other Protective Equipment:APRON. PROTECTIVE EQUIPMENT MUST BE WORN IF
THE BATTERY IS CRACKED OR OTHERWISE DAMAGED.
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
HCC PER TECHNICAL SUPPORT.

========== Physical/Chemical Properties ==========

HCC:C1
Boiling Pt:=113.9C, 237.F
Spec Gravity:1.3 (ACID)
Solubility in Water:100% (ACID)
Appearance and Odor:ACIDIC ODOR. CLEAR COLORLESS LIQUID.

=========
======== Stability and Reactivity Data ==========

Stability Indicator/Materials to Avoid:YES
REACTIVE METALS, STRONG BASES, MOST ORGANIC COMPOUNDS.
Stability Condition to Avoid:PROHIBIT SMOKING, SPARKS, FLAME, ETC, FROM
BATTERY CHARGING AREA. AOVID MIXING ACID WITH OTHER CHEMICALS.
Hazardous Decomposition Products:SULFUR DIOXIDE, TRIOXIDE, HYDROGEN
SULFIDE, HYDROGEN.

========== Disposal Considerations ==========

Waste Disposal Methods:NEUTRALIZED ACID MA

Y BE FLUSHED DOWN THE SEWER.

SPENT BATTERIES MUST BE TREATED AS HAZARDOUS WASTE AND DISPOSED OF ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS. A COPY OF THIS MSDS MUST BE SUPPLI ED TO ANY SCRAP DEALER OR SECONDARY LEADSMELTER.