

KEYSTONE BATTERY CORP. -- BATTERY ELECTRIC STORAGE -- 6140-00-190-6298

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Product Identification
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Product ID: BATTERY ELECTRIC STORAGE

MSDS Date: 01/01/1987

FSC: 6140

NIIN: 00-190-6298

MSDS Number: BDHVT

=== Responsible Party ===

Company Name: KEYSTONE BATTERY CORP.

Address: 35 HOLTON ST

City: WINCHESTER

State: MA

ZIP: 01890-1127

Country: US

CAGE: 1L971

=== Contractor Identification ===

Company Name

: KEYSTONE BATTERY CORP

Address: 35 HOLTON ST

Box: City: WINCHESTER

State: MA

ZIP: 01890-1127

Country: US

Phone: 617-729-8333

CAGE: 1L971

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Composition/Information on Ingredients
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Ingred Name: LEAD (SARA III)

CAS: 7439-92-1

RTECS #: OF7525000

OSHA PEL: 0.05 MG/M3; 1910.1025

ACGIH TLV: 0.15 MG/M3; DUST 9192

EPA Rpt Qty: 1 LB

DOT Rpt Qty: 1 LB

Ingred Name: ANTIMONY (SARA III)

CAS: 7440-36-0

RTECS #: CC4025000

Fraction by Wt: 0-4%

OSHA PEL: 0.5 MG/M3

ACGIH TLV: 0.5 MG SB/M3; 9192

EPA Rpt

Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:SULFURIC ACID (SARA III)
CAS:7664-93-9
RTECS #:WS5600000
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Effects of Overexposure:EYES/NOSE/THROAT: ACID CAN IRRITATE-BURN;
BREATHNG PRODUCES RESPIRATORY DIFFICULTY; SKIN:IRRIT/BURNS

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

First Aid:1)FLUSH CONTCTD AREA W/LARGE AM
TS. OF WATER -@LEAST 15 MIN.
REMOVE CONTAMINATED CLOTHNG.-OBTAIN MEDICAL ATTN. 2) IF
SWALLOWED,GIVE LARGE VOLUMES OF WATER -DONOT INDUCE VOMITING,OBTAIN
MEDICAL TREATMEN T. EYEWASH & SHOWER STATIONS SHOULD BE AVAILABLE.

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

Flash Point:NONE
Extinguishing Media:CLASS ABC EXTINGUISHER, CO*2 AND/OR HALON
Fire Fighting Procedures:COOL EXTERIOR OF BATTERY TO PRVNT RUPTURE; USE
SCBA/PRO.CLTH
Unusual Fire/Explosion Hazar
d:HYDROGEN GAS PRODUCED WHILE CHARGING -
ELIMINATE IGNITION SOURCES.

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

Spill Release Procedures:WEAR APPROPRIATE PROTECTIVE CLOTHNG/EQUIP.
CONTAIN,SPILL, DILUTE SPILL CAUTIOUSLY WITH 5 OR 6 VOLUMES OF WATER
& NEUTRALIZE W/ SODIUM BICARBONATE, SODA ASH, OR LIME. WHEN
EXPOSURE LEVEL IS NOT KNOWN,W EAR NIOSH APPRVD POSITIVE PRESSURE
SELF-CNTD RSP

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

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Handling and Storage Precautions:STORE AWAY FROM REACTIVE MATERIAL.
Other Precautions:SODIUM BICARBONATE,SODA ASH,SAND OR LIME SHOULD BE KEPT IN SAME GENERAL AREA FOR EMERGENCY USE. IF BATTERY CASE IS BROKEN,AVOID DIRECT CONTACT WITH INTERNAL COMPONENTS.

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

Respiratory Protection:WHEN TLV EXCEED OR RESPIR.IRRITATION NOTED, USE ACID GAS RESPIRATOR
Ventilation:ACCEPTABLE @ 1 TO 4 CHANGES/ HOUR
Protective Gloves:RUBBER,CORROSIVE RESISTANT
Eye Protection:GOGGLES/FACE SHIELD
Other Protective Equipment:ACID-RESISTANT APRONS,BOOTS & PROTECTIVE CLOTHING.
Supplemental Safety and Health
MSDS DATE:UNDATED; LEAD ACID,DRY CHARGED BATTERY W/CONTAINER OF ELECTROLYTE ; BULK OF MSDS INFORM. PERTAINS TO SULFURIC ACID

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

HCC:C1
Boiling Pt:B.P. Text:235F/112.8C
Vapor Pres:13.
Spec Gravity:1.273
Evaporation Rate & Reference:(H₂O=1), < 1.
Solubility in Water:1.
Appearance and Odor:CLEAR, COLORLESS, ODORLESS

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS.
Stability Condition to Avoid:HI-TEMPS(CASES DECOMPOSE @ (322-770F/160-410C).
Hazardous Decomposition Products:CO₂, CO
Conditions to Avoid Polymerization:WILL NOT POLYMERIZE

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

Waste Disposal Methods:PLACE IN ACID-RESISTANT CONTAINERS. DISPOSE

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FEDERAL, STATE & LOCAL REGULATIONS.

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