

BATTERY

MSDS Number

BKCFK

National Stock Number

6140-00-538-9984

Product Name

BATTERY

Manufacturer

STANDARD BATTERIES INC

Product Identification

Product ID: BATTERY
MSDS Date: 01/01/1987
FSC: 6140
NIIN: 00-538-9984
MSDS Number: BKCFK

Responsible Party

STANDARD BATTERIES INC
5200 4TH AVE S.
SEATTLE , WA 98108-2218
US

Preparer: DGSC-SSH

Cage: 8F843

Contractor

STANDARD BATTERIES INC
81103
SEATTLE, WA 98108-2218
US
Cage: 8F843

Ingredients

SULFURIC ACID (SARA III)
CAS: 7664-93-9
RTECS: WS5600000
Fraction By Weight: 38.0%
OSHA PEL1 MG/M3
ACGIH TLV: 1 MG/M3; 9192
EPA Report Quantity: 1000 LBS
DOT Report Quantity: 1000 LBS

Hazards

Routes of Entry: Inhalation: YES Skin: YES Ingestion: NO
Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO
Health Hazards Acute and Chronic: SEE SIGNS AND SYMPTOMS
Effects of Overexposure: CONJUNCTIVITIS, CORNEAL NECROSIS, DERMATITIS,
SKIN BURNS, ULCERATION, IRRITATION OF NOSE, THROAT, EDEMA, ANURIA.
Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:ADEQUATE VENTILATION. IRRIGATE EYES W/ WATER. WASH CONTAMINATED AREA OF BODY W/ SOAP & WATER. STOMACH WASH, IF SWALLOWED. OXYGEN, WITH USE OF INTERMITTENT POSITIVE-PRESSURE BREATHING APPARATUS: 5 % SOLN OF SODIUM BICARBONATE AS AEROSOLMAY BE USED.

Fire Fighting

Flash Point:NONE
Extinguishing Media:DRY CHEMICAL
Fire Fighting Procedures:DO NOT APPLY WATER DIRECTLY TO SULFURIC ACID.
Unusual Fire/Explosion Hazard:AVOID CONTACT WITH METALLIC SULFIDES

Accidental Release

Spill Release Procedures:VENTILATE ROOM. COVER WITH SODIUM CARBONATE OR AN EQUAL MIXTURE OF SODA ASH AND SLAKED LIME. AFTER MIXING, ADD WATER IF NECESSARY TO FORM A SLURRY.
Neutralizing Agent:SODIUM BICARBONATE

Handling

Handling and Storage Precautions:PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE & PREVENT CONTACTS WITH WATER.SEPARATE FROM CARBIDES,CHLORATES FULMINATES,NITRATES,PICRATES,POWDERED METALS
Other Precautions:SEPARATE FROM COMBUSTIBLE MATERIALS. WEAR RUBBER GLOVES, CHEMICAL GOGGLES, RUBBER BOOTS & CHEMICAL CARTRIDGE RESPIRATOR.

Exposure Controls

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS IF TLV IS EXCEEDED.
Ventilation:LOCAL EXHAUST IS RECOMMENDED
Protective Gloves:RUBBER
Eye Protection:SAFETY GOGGLES.
Other Protective Equipment:ADEQUATE PROTECTION AGAINST CONTACT SHOULD BE PROVIDED
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
NONE

Chemical Properties

HCC:C1
Boiling Pt:B.P. Text:235F,113C
Vapor Pres:60
Spec Gravity:1.280
Solubility in Water:COMPLETE
Appearance and Odor:COLORLESS LIQUID, SULFURIC ACID ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
CHLORATES, METAL POWDERS, SULFITES, NITRATES, CARBIDES.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:SULFUR COMPDS, HYDROGEN GAS EVOLVED WHEN SUBSTANCE COMES IN CONTACT WITH MANY METALS.

Disposal

Waste Disposal Methods:ADD SLOWLY TO SODA ASH & SLAKED LIME BY STIRRING. DISCHARGE THE SOLUTION WITH LARGE AMT OF WATER INTO A SINK LINED WITH PROTECTIVE MATTING & FILLED WITH CHIPPED MARBLE.

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