

AMERICAN BATTERY ACID CORP. -- HYDROGEN SULFATE; BATTERY ELECTROLYTE --
6810-00-249-9354

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

Product ID:HYDROGEN SULFATE; BATTERY ELECTROLYTE

MSDS Date:11/19/1993

FSC:6810

NIIN:00-249-9354

MSDS Number: BTMYG

=== Responsible Party ===

Company Name:AMERICAN BATTERY ACID CORP.

Address:904 NORTH FRONT STREET

City:MEMPHIS

State:TN

ZIP:38107

Country:US

Info Phone Num:901-

525-1888

Emergency Phone Num:901-525-1888

CAGE:3A536

=== Contractor Identification ===

Company Name:AMERICAN BATTERY ACID CORP.

Address:904 NORTH FRONT STREET

Box:City:MEMPHIS

State:TN

ZIP:38107

Country:US

Phone:901-525-1888

CAGE:3A536

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

Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:WS5600000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9394

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

=====

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 2.14 G/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: BURNS, RAPID DESTRUCTION TO ALL
TISSUES CONTACTED. MAY CAUSE RESPIRATORY IRRITATION. CHRONIC:
DERMATITIS, TOOTH EROSION, CHRONIC COUGH.
Explanation of Carcinogenicity:NOT KNOWN TO BE CARCINOGENIC.
Effects of Overexposure:BURNS, RA
PID DESTRUCTION OF ALL TISSUE
CONTACTED, COUGHING, CHOKING, HEADACHE, DIZZINESS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN-REMOVE CONTAMINATED CLOTHING. FLUSH WITH WATER FOR 15
MINUTES, CALL A PHYSICIAN. EYES-FLUSH WITH WATER FOR 15 MINUTES,
CALL A PHYSICIAN. INGESTION-WASH OUT MOUTH WITH WATER, GIVE LARGE
QUANTITIES OF WATER TO DRINK. DO NOT INDUCE VOMITING. CALL A
PHYSICIAN. INHALATION-REMOVE VICTIM TO FRESH AIR, CALL A PHYSICIAN.

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

Flash Point:NOT FLAMMABLE
Extinguishing Media:CARBON DIOXIDE OR DRY CHEMICAL.
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED POSITIVE PRESSURE
SELF-CONTAINED BREATHING APPARATUS WHEN ANY MATERIAL IS INVOLVED IN
A FIRE.
Unusual Fire/Explosion Hazard:EXPLOSIVE CONCENTRATIONS OF HYDROGEN GAS
CAN ACCUMULATE INSIDE A NETAL TANK CONTAINING ACID. USE
WATER FOG
TO KNOCK DOWN VAPORS.

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

Spill Release Procedures:WEAR NIOSH APPROVED POSITIVE PRESSURE SUPPLIED
AIR RESPIRATOR. WEAR GOGGLES, COVERALLS, NEOPRENE GLOVES & BOOTS.
REMOVE ALL SOURCES OF IGNITION. ISOLATE AREA OF SPILL BY DIKING.
STOP SOURCE AT LEAK. * *****SEE OTHER INFORMATION*****
Neutralizing Agent:LIME, SODA ASH.

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

Handling and Stora

ge Precautions:STORE IN COOL, DRY WELL VENTILATED PLACE. PROTECT AGAINST PHYSICAL DAMAGE AND WATER. AVOID CONTACT WITH CARBIDES, CHLORATES, FULMINATES, NITRATES, ET.

Other Precautions:USE CAUTION WHEN MIXING WITH WATER. CAN REACT VIOLENTLY WITH WATER. MAY BE FATAL IF SWALLOWED. AVOID CONTACT WITH EYES, SKIN OR CLOTHING. UPON CONTACT WITH SKIN OR EYES, WASH OFF WITH WATER. AVOID BREATHIN VAPOR.

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

Respiratory

Protection:NONE SPECIFIED BY MANUFACTURER.

Ventilation:AS REQUIRED TO KEEP AIRBORNE CONCENTRATIONS BELOW THE TLV.

Protective Gloves:NEOPRENE.

Eye Protection:GOGGLES AND FACE SHIELD.

Other Protective Equipment:COVERALLS, NEOPRENE APRON AND BOOTS.

Work Hygienic Practices:EYE WASH, SAFETY SHOWER. WASH ALL CONTAMINATE CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NOTE: MFR DID NOT PROVIDE PERCENTAGE OF ELECTROLYTE IN MSDS. HOWEVER, FED SPEC O-S-801E INDICATES THAT ACID CONTENTS SHOUL

D BE BETWEEN

36.5% AND 37.5%.

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

HCC:C1

Spec Gravity:1.281

pH: