

BATTERY FLUID, ACID

MSDS Number

BHCJN

National Stock Number

6810-00-236-0702

Product Name

BATTERY FLUID, ACID

Manufacturer

AMERICAN BATTERY ACID CORP

Product Identification

Product ID: BATTERY FLUID, ACID

MSDS Date: 06/24/1988

FSC: 6810

NIIN: 00-236-0702

MSDS Number: BHCJN

Responsible Party

AMERICAN BATTERY ACID CORP.

904 NORTH FRONT STREET

MEMPHIS , TN 38107

US

Emergency Phone: 901-525-1888

Info Phone: 901-525-1888

Cage: 3A536

Contractor

AMERICAN BATTERY ACID CORP.

MEMPHIS, TN 38107

US

901-525-1888

Cage: 3A536

Ingredients

SULFURIC ACID (SARA III)

CAS: 7664-93-9

RTECS: WS5600000

Fraction By Weight: 28.9%

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: BAL

Hazards

LD50 LC50 Mixture:LD50 ORAL RAT = 2.14 G/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:CHRONIC: DERMATITIS, TOOTH EROSION,
CHRONIC COUGH. ACUTE: BURNS, RAPID DESTRUCTION TO ALL TISSUES
CONTACTED. MAY CAUSE RESPIRATORY IRRITATION.

First Aid

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SEE
DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHING AND SHOES. WASH WITH
SOAP AND WATER. SEE DOCTOR. INHALATION: REMOVE VICTIM TO FRESH AIR.
GIVE O₂ XYGEN/CPR IF NEEDED. SEE DOCTOR. INGESTION: DO NOT INDUCE
VOMITING. WASH OUT MOUTH WITH WATER. GIVE LARGE QUANTITIES OF WATER
TO DRINK. CALL A PHYSICIAN.

Fire Fighting

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 METAL TANK CONTAINING ACID. USE WATER FOG
TO KNOCK DOWN VAPORS.

Accidental Release

Spill Release Procedures:FOLLOW OSHA REGULATIONS FOR RESPIRATOR USE.
TRANSFER CONTENTS TO NON-LEAKING CONTAINER OR STORAGE VESSEL. ADD
NON- COMBUSTIBLE DRY ABSORBENT. CLEAN UP AND PLACE IN AN APPROVED
DOT CONTAINER. ALLOW TO STABILIZE BEFORE SEALING.
Neutralizing Agent:LIME OR SODA ASH.

Handling

Handling and Storage Precautions:AVOID CONTACT. AVOID BREATHING MIST OR
VAPOR. STORE IN A COOL, DRY, WELL-VENTILATED PLACE. PROTECT AGAINST
PHYSICAL DAMAGE.
Other Precautions:USE CAUTION WHEN MIXING WITH WATER. IT CAN REACT
VIOLENTLY WITH WATER. ADD ACID TO THE WATER. DO NOT ADD WATER TO
THE ACID.

Exposure Controls

Respiratory Protection:NIOSH/MSHA RESPIRATOR WITH CARTRIDGE APPROPRIATE
FOR EXPOSURE OF CONCERN OR SCBA IF TLV IS EXCEEDED.
Ventilation:USE ADEQUATE VENTILATION TO KEEP BELOW TLV.
Protective Gloves:RUBBER
Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS.
Other Protective Equipment:FULL WORK CLOTHING TO PREVENT REPEATED OR
PROLONGED SKIN CONTACT. EYE WASH STATION AND SAFETY SHOWER.
Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN. DO NOT
BREATHE VAPORS. WASH THOROUGHLY AFTER HANDLING. LAUNDER
CONTAMINATED CLOTHING.
Supplemental Safety and Health

Chemical Properties

HCC:C1
Spec Gravity:1.265
pH: < 1
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR LIQUID.
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
SOLVENTS, OXIDIZERS, COMBUSTIBLE MATERIALS, ORGANIC MATERIALS, ALKALIS,
POWDERED METALS, AMINES.
Stability Condition to Avoid:HIGH HEAT, MOISTURE

Hazardous Decomposition Products:OXIDES OF SULFUR, HYDROGEN SULFIDE, HYDROGEN GAS

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.

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