

AMERICAN BATTERY ACID CORPORATION -- O-S-801,SULFURIC ACID,ELECTROLYTE,CL 2 --
6810-00-823-8007

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

Product ID:O-S-801,SULFURIC ACID,ELECTROLYTE,CL 2

MSDS Date:01/01/1985

FSC:6810

NIIN:00-823-8007

MSDS Number: BFRBY

=== Responsible Party ===

Company Name:AMERICAN BATTERY ACID CORPORATION

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

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Phone:901-525-1888

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

Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 50.0%

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**=====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 2140MG/KG

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO

Health Hazards Acute and Chronic:**CORROSIVE** EYES:MAY CAUSE IRRITATION OR BURNS.SKIN:MAY CAUSE IRRITATION OR BURNS.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION.CHRONIC:MAY DAMAGE KIDNEYS.MAY ERODE TOO TH ENAMEL.

Explanation of Carci

nogenicity:SULFURIC ACID MISTS ARE CLASSIFIED IARC-2B.

Effects of Overexposure:SEVERE BURNS TO SKIN OR EYES. INHALATION OF MIST FROM HOT SULFURIC ACID CAN BE INJURIOUS TO LUNGS.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING RESPIRATORY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:IRRIGATE EYES WITH WATER FOR AT LEAST 15 MINUTES. FOR EYES OR SKIN BURNS, GET IMMEDIATE MEDICAL ATTENT

ION. WASH CONTAMINATED

AREAS OF BODY WITH SOAP AND WATER. STOMACH WASH, IF SWALLOWED.

INHALATION: OXYGEN WITH USE OF INTERMITTENT POSITIVE PRESSURE BREATHING APPARATUS.

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

Flash Point:NONE

Extinguishing Media:FOR COMBUSTIBLES USE SUITABLE DRY CHEMICAL. NO WATER ON ACID.

Fire Fighting Procedures:GAS MASK WITH SULFURIC ACID ABSORBING CANISTER APPROVED BY THE U.S. BUREAU OF MINES.

Unusual Fire/Explosion Hazard:

REACTS WITH STEEL AND MANY COMMON METALS

TO PRODUCE HYDROGEN GAS WHICH CAN BE A FIRE AND EXPLOSION HAZARD.

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

Spill Release Procedures:COVER WITH SODIUM CARBONATE OR SODA ASH AND SLAKED LIME;FORM SLURRY WITH WATER. SODA ASH AND LIMESTONE RELEASE CARBON DIOXIDE;USE PROPER VENTILATION.SOAK ONTO AN INERT ABSORBANT;PLACE IN A DOT APPROVE D CONTAINER FOR DISPOSAL.RINSE SPILL AREA WITH H2O

Neutralizing Agent:MIXTURE

OF SODA ASH AND SLAKED LIME

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

Handling and Storage Precautions:SMOKING, OPEN LIGHTS, OR SPARKS NOT PERMITTED IN STORAGE AREAS. PROTECT CONTAINERS AGAINST PHYSICAL DAMAGE AND PREVENT CONTACT WITH WATER.

Other Precautions:SEPARATE FROM INCOMPATIBLE MATERIALS. WEAR RUBBER GLOVES, CHEMICAL GOGGLES, RUBBER BOOTS, AND A CHEMICAL CARTRIDGE RESPIRATOR.

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

Respiratory Protection:INDUSTRIAL CANISTER TYPE GAS MASK APPROVED BY THE U.S. BUREAU OF MINES.

Ventilation:AS REQUIRED TO REMOVE ANY MISTS OF TOXIC GASES

Protective Gloves:RUBBER

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:RUBBER APRONS, RUBBER SAFETY SHOES, FACE SHIELD, CLOTHING

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

CONCENTRATED ACID OXIDIZES, DEHYDRATES, OR SULFONATES MOST ORGANIC COMPOUNDS. WHEN MIXED WITH WATER, EVO

LVES MUCH HEAT. UNNEUTRALIZED

ACID MUST NOT CONTACT SULFIDES WASTES TO AVOID EVOLUTION OF HYDROGEN SULFIDE GAS.

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

HCC:C1

Boiling Pt:B.P. Text:625F,329C

Vapor Pres:0

Spec Gravity:1.4042

Evaporation Rate & Reference:< 1 (ETHER = 1)

Solubility in Water:COMPLETE

Appearance and Odor:SLIGHTLY VISCOUS, CLEAR TO SLIGHTLY CLOUDY LIQUID.

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

Stability Indicato

r/Materials to Avoid: YES

CARBIDES, CHLORATES, FULMINATES, NITRATES, PICRATES, POWDERED METALS

Stability Condition to Avoid: HIGH HEAT, MOISTURE

Hazardous Decomposition Products: SULFUR TRIOXIDE, SULFUR DIOXIDE,
HYDROGEN SULFIDE, HYDROGEN GAS

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

Waste Disposal Methods: NEUTRALIZE ACID WITH LARGE AMOUNTS OF WATER,
SODA ASH AND SLAKED LIME. STORE IN APPROVED STORAGE CONTAINER FOR
CORROSIVE LIQUIDS. DISPOSE OF IN ACCORDANCE
WITH FEDERAL, STATE AND
LOCAL REGULATIONS.

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