

GENERAL BATTERY CORPORATION -- ELECTROLYTE(ACID)BATTERY FLUID -- 6850-00B070001

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 ===== Product Identification =====
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Product ID:ELECTROLYTE(ACID)BATTERY FLUID

MSDS Date:09/01/1985

FSC:6850

NIIN:00B070001

MSDS Number: BBBMH

=== Responsible Party ===

Company Name:GENERAL BATTERY CORPORATION

Box:1262

City:READING

State:PA

ZIP:19603

Country:US

Info Phone Num:215 378-0500

CAGE:06810

=== Contractor Identification ===

Company Name:GENERAL BATTERY CORPORATION

Box:1262

City:READING

State:PA

ZIP:19603

Country:US

Phone:215 378-0500

CAGE:06810

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 ===== Composition/Information on Ingredients =====
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Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: 32-40%

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 =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:DILUTED SULFURIC ACID CAUSES Milder RESULTS THAN FULL STRENGTH ACID.LONG TERM EXPOSURES MAY CAUSE ALL HAZARDS TO SOME DEGREE.CHRONIC EXPOSURES ARE KNOWN TO CAUSE EROSION OF TEETH,INFLAMMATION OF NOSE, THROAT AND BRONCHIAL TUBES.

Explanation of Carcinogenicity:NO DATA WAS FOUND TO INDICATE SULFURIC ACID RELATED TUMORS OR CANCERS

Effects of Overexposure:CONCENTRATIONS AS LOW AS 5MG/M3 ARE OBJECTIONABLE CAUSING COUGH,INCREASED RESPIRATORY RATE AND IMPAIRMENT OF VENTILATORY CAPACITY.DROPLETS OR MIST ON SKIN CAUSES AN UNCOMFORTABLE STINGING,BURNING SENS ATION.EYE IRRITATION FREQUENTLY OCCURS.TEETH MAY BECOME DISCOLORED.

Medical Cond Aggravated by Exposure:EXPOSURE TO MIST MAY CAUSE LUNG DAMAGE AND AGGRAVATE PULMONARY CONDITIONS.

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 ===== First Aid Measures =====
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First Aid:FLUSH EYES IMMEDIATELY WITH LARGE AMOUNTS OF COOL WATER.IF CONTACTS ARE WORN REMOVE THEM THEN CONTINUE FLUSHING.FOR SKIN CONTACT-FLUSH WITH LARGE AMOUNTS OF WATER.REMOVE CONTAMINATED CLOTHING INCLUDIN G SHOES.IF INHALED REMOVE TO FRESH AIR IMMEDIATELY.INGESTION-IF VICTIM IS AWAKE GIVE LOTS OF WATER.DO NOT INDUCE VOMITING.WASH OUT MOUTH,GARGLE TO WASH THROAT.

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

Flash Point:NOT COMBUSTIBLE
 Extinguishing Media:DRY,CHEMICAL,CARBON DIOXIDE,WATER FOG, WATER
 Fire Fighting Procedures:SULFURIC ACID FUME,SULFUR DIOXIDE GAS OR CARBON MONOXIDE MAY BE RELEASED WHEN ACID DECOMPOSES.WATER APPLIED TO SULFURIC ACID GENERATE HEAT AND CAUSES SPATTERING
 Unusual Fire/Explosion Hazard:REACTS WITH MOST METALS TO YIELD EXPLOSIVE/FLAMMABLE HYDROGEN GAS,REACTIONS IS INCREASED WHEN ACID IS DILUTED AS IN ELECTOLYTE.

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

Spill Release Procedures:IF POSSIBLE STOP FLOW OF MATERIAL.UNLESS AREA IS WELL VENTILATED.DO NOT PERMIT ANYONE WITHOUT RESPIRATORY PROTECTION.FOR LARGE SPILLS WEAR ACID RESISTANT CLOTHING.CONTAIN/ABSORB SMALL SPILLS WITH VERM ICULITE,DRY SAND OR SIMILAR MATERIALS.
 Neutralizing Agent:LIME,SODA ASH,SODIUM BICARBONATE,ETC.

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

Handling and Storage Precautions:STORE IN WELL VENTILATED AREA THAT IS COOL,DRY AND PROTECTED FROM SEVERE WEATHER.AVOID SPILLS,LEAKS OR DAMAGE TO CONTAINERS.
 Other Precautions:KEEP AWAY FROM FIRE,SPARKS AND HEAT. STORE AND HANDLE ONLY IN AREAS WITH UNLIMITED WATER SUPPLY.NEVER USE AIR-PRESSURE TO FORCE MATERIAL OUT OF CONTAINER.

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

Respiratory Protection:NOT REQUIRED UNDER NORMAL CONDITIONS WHEN CONCENTRATIONS OF SULFURIC ACID IN AN AREA ARE KNOWN TO EXCEED PEL.USE NIOSH-APPROVED,FITTED FULL FACE RESPIRATOR.
 Ventilation:USE IN WELL VENTILATED AREA WITH NO CROSS DRAFTS.
 Protective Gloves:ACIDS RESISTANT RUBBER OR PLASTIC
 Eye Protection:APPROVED SAFETY GLASSES WITH SIDE SHIELD
 Other Protective Equipment:ACID RESISTANT GOGGLES AND ACID RESISTANT APRON
 Work Hygienic Practices:CONTAMINATED CLOTHING MUST NOT BE REWORN.PLACE IN CLOSED CONTAINERS FOR STORAGE
 Supplemental Safety and Health

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

Boiling Pt:B.P. Text:203 F
 Melt/Freeze Pt:M.P/F.P Text:35F 10.6F
 Vapor Pres:10@ 18% F
 Spec Gravity:1.295@ 60
 Evaporation Rate & Reference:ETHER = 1 = LESS THAN 1
 Solubility in Water:COMPLETE
 Appearance and Odor:CLEAR LIQUID WITH SHARP PUNGUENT ODOR

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

Stability Indicator/Materials to Avoid: YES
Hazardous Decomposition Products: SULFURIC ACID WILL ATTACK SOME FORMS
OF PLASTIC, RUBBER AND COATINGS WHICH ARE NOT ACID RESISTANT

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

Waste Disposal Methods: SHOVEL NEUTRALIZED SLURRY INTO SEALED
CONTAINER. DISPOSE OF IN A SECURED, SANITARY LANDFILL IF
PERMITTED. CONSULT STATE ENVIRONMENTAL AGENCY. INDIVIDUAL STATE
REGULATIONS MAY VARY.

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