

BATTERY ELECTROLYTE

MSDS Number

BBHRT

National Stock Number

6140-01-141-1564

Product Name

BATTERY ELECTROLYTE

Manufacturer

GENERAL BATTERY CORP

Product Identification

Product ID: BATTERY ELECTROLYTE

MSDS Date: 09/01/1985

FSC: 6140

NIIN: 01-141-1564

MSDS Number: BBHRT

Responsible Party

GENERAL BATTERY CORPORATION

Emergency Phone: (215) 378-0500

Cage: 06810

Contractor

GENERAL BATTERY CORPORATION

1262

READING, PA 19603

US

215 378-0500

Cage: 06810

Ingredients

SULFURIC ACID (SARA III)

CAS: 7664-93-9

RTECS: WS5600000

Fraction By Weight: 32-40%

OSHA PEL1 MG/M3

ACGIH TLV: 1 MG/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

WATER, H2O

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 60%

Hazards

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

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

Health Hazards Acute and Chronic:EYES: SEVERE BURNS, CORNEA DAMAGE & BLINDNESS, SKIN: SEVERE IRRITATION, BURNS & ULCERATION. INHALATION: VAPORS/MIST MAY CAUSE SEVERE RESPIRATORY IRRITATION AT LEVELS OF 5MG/M3. INFLAMMATION OF BRONCHI AL MEMBRANES MAY OCCUR AT 12-35MG/M3. INGESTION: MAY CAUSE SEVERE BURNS & ULCERATION OF MOUTH/THROAT/ESOPHAGUS/STOMACH.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:MIST MAY ACT AS AN IRRITANT TO EYES, RESPIRATORY SYSTEM & DIRECT CONTACT OF SOLUTION W/SKIN BURNS

First Aid

First Aid:EYES/SKIN: FLUSH W/LARGE AMOUNTS OF COOL WATER. REMOVE CONTAMINATED CLOTHING COMPLETETLY, INCLUDING SHOES. CONTINUE FOR 15 MIN/UNTIL ALL TRACES OF ACID ARE REMOVED. INGESTION: IF VICTIM IS CONSCIOUS, GIVE LARGE QUANTITIES OF WATER, DON'T INDUCE VOMITING. WASH MOUTH/GARGLE.GIVE MILK. INHALATION: REMOVE TO FRESH AIR IMMEDIATELY. IF STOPPED BEGIN ARTIFICIAL RESPIRATION/GIVE OXYGEN.

Fire Fighting

Flash Point:NON-FLAMMABLE

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, WATER, WATER FOG.

Fire Fighting Procedures:SELF CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:HYDROGEN GAS MAY BE RELEASED WHEN THIS PRODUCT COMES IN CONTACT WITH METALS.

Accidental Release

Spill Release Procedures:FLUSH WITH WATER, NEUTRALIZE WITH SODIUM BICARBONATE. EVACUATE AREA, ZONE AREA, VENTATE AREA, PROVIDE PERSONNEL WITH PROTECTIVE EQUIPMENT, CONTACT SPILL WITDIKE/NEUTRALIZE/ABSORB SOLUTION IN VERMICULI TE/DRY SAND/EARTH/FLUSH WITHATER.

Handling

Handling and Storage Precautions:STORE IN AREAS WITH ADEQUATE VENTILATION AND WHERE SPILLS CAN BE HANDLED. ISOLATE FROM INCOMPABLE MATERIALS.

Other Precautions:AVOID CONTACT WITH SKIN OR EYES. IF CONTACT OCCURS, FOLLOW EMERGENCY AND FIRST AID PROCEDURES.

Exposure Controls

Ventilation:LOCAL EXHAUST: PREFERRED/SPECIAL: ACID RESISTANCE COMP.

Protective Gloves:RUBBER/PLASTIC

Eye Protection:GOGGLES OR FACE SHIELD

Other Protective Equipment:PVC APRON TO PROTECT CLOTHING OR ACID SUIT, BOOTS & HARD HAT

Supplemental Safety and Health

645 PENN STREET/READING, PA 19603.

Chemical Properties

Boiling Pt:B.P. Text:225-235F

Vapor Pres:LOW

Vapor Density:>AIR

Spec Gravity:1.295

Evaporation Rate & Reference:NOT AVAILABLE

Solubility in Water:MIISCIBLE

Appearance and Odor:CLEAR LIQUID, ODOR IS SHARP, PENETRATING.

Stability

Stability Indicator/Materials to Avoid:YES

COMBUSTIONABLE ORGANIC MATERIALS MAY CAUSE FIRE & EXPLOSIONS

Stability Condition to Avoid:METALS ESPECIALLY FINE POWDERED/FINELY DIVIDED COMB USTIBLE

Hazardous Decomposition Products:METALS MAY FORM TOXIC SULFUR DIOXIDE FUMES & HYDROGEN GAS.

Conditions to Avoid Polymerization:SOME FORMS OF NON-ACID RESISTANT PLASTIC/RUBBER/COA TINGS.

Disposal

Waste Disposal Methods:COLLECT PRODUCTS OF SPILL IN SEALED CONTAINERS & DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATION FOR SPILL RESIDUES.

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