

GENERAL BATTERY CORP -- 31-475 BATTERY CONTAINING ELECTROLYTE -- 6140-01-031-6881

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

Product ID:31-475 BATTERY CONTAINING ELECTROLYTE

MSDS Date:01/01/1987

FSC:6140

NIIN:01-031-6881

MSDS Number: BGFZB

=== Responsible Party ===

Company Name:GENERAL BATTERY CORP

Address:645 PENN STREET

Box:14205

City:READING

State:PA

ZIP:19612-4205

Country:US

Info Phone Num:215-378-052

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Emergency Phone Num:215-378-0527

CAGE:06810

=== Contractor Identification ===

Company Name:EXIDE CORP.-GENERAL BATTERY CORP

Address:645 PENN STREET

Box:City:READING

State:PA

ZIP:19601

Country:US

Phone:215-378-0527/800-424-9300(CHEMTREC)

CAGE:08163

Company Name:GENERAL BATTERY CORPORATION

Box:1262

City:READING

State:PA

ZIP:19603

Country:US

Phone:215 378-0500

CAGE:06810

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

Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTEC

S #:WS5600000  
Fraction by Wt: 35%.  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: SULFURIC ACID MAY CAUSE  
IRRITATION OF EYES, NOSE AND THROAT. PROLONGED CONTACT MAY CAUSE  
SEVERE BURNS. CHRONIC: REPEATED CONTACT CAUSES IRRITATION AND SK  
IN  
BURNS. REPEATED EXPOSURE TO MIST MAY CAUSE EROSION OF TEETH,  
CHRONIC EYE IRRITATION AND/OR CHRONIC INFLAMMATION OF THE NOSE,  
THROAT AND BRONCHIAL TUBES.  
Effects of Overexposure:LIQ CAUSES SEVERE BURNS OF SKIN/EYES-ACID MIST  
IS IRR TO EYES,NOSE,THROAT.

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

First Aid:INHALATION:REMOVE TO FRESH AIR, PROVIDE CPR/OXYGEN IF NEEDED.  
EYE CONTACT:FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL HELP  
IMMEDIATELY. SK  
IN CONTACT:WASH WITH SOAP AND WATER. GET MED  
ATTENTION IF SYM PTOMS PERSIST. INGESTION:DRINK WATER OR MILK. DO  
NOT INDUCE VOMITING, GET MEDICAL HELP IMMEDIATELY.

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

Extinguishing Media:USE WATER ON FIRE INVOLVING ACID  
Fire Fighting Procedures:WEAR APPROPRIATE PROTECTIVE EQUIPMENT AND SCBA  
Unusual Fire/Explosion Hazard:REACTS WITH COMMON METALS PRODUCING  
HYDROGEN GAS, WHICH CAN BE A FIRE AND EXPLOSION HAZARD

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

Spill Release Procedures:WEAR APPROP PROTECT EQUIPM DILUTE CAUTIOUSLY  
W/WTR AND NEUTRALIZE W/SODA ASH.

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

Handling and Storage Precautions:CONTRHS HAZ WHEN EMPTY. ALL HAZ PRECS  
MUST BE OBSERVED. PROT. CONTRHS AGAINST PHYS. DAMAGE KEEP CONTRHS  
CLOSED.AVOID FIRE HAZ. STG IN COOL, DRY PLACE.  
Other Precautions:SEPARATE FROM  
CARBIDES,CHLORATES,FULMINATES,NITRATES

,PICRATES AND POWERED METALS.

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

Respiratory Protection:NOT REQD UNDER NORMAL CONDITIONS.

Ventilation:LOCAL EXHAUST PREFERRED,MECHANICAL EXHAUST ACEPTABLE.

Protective Gloves:RUBBER

Eye Protection:CHEM SPLASH GOGGLES

Other Protective Equipment:EYEWASH FOUNTAIN; SAFETY SHOWER.

Supplemental Safety and Health

UNDATED MSDS/UNUSUAL FIRE&EXPL HAZ:AVOID SPARKS.DO NOT SMOKE,USE OPEN  
FLAME AROUND BATT.CONTAIN ACIDS/

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Physical/Chemical Properties =====

Boiling Pt:B.P. Text:232F,111C

Vapor Pres:12.

Spec Gravity:1.2

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR TO SLIGHTLY CLOUDY,ODORLESS,LIQUID

Percent Volatiles by Volume:65.

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

Stability Indicator/Materials to Avoid:YES

METALS, ALKALIES, STRONG OXIDIZING AGENTS, AND ORAGANICS.

Stability Condition to Avoid:HEAT, OPEN FLAMES

Hazardous Decomposition Products:TOXIC OXIDES  
OF SULFUR

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

Waste Disposal Methods:DO NOT ALLOW UN-NEUTRALIZED ACID TO GET IN  
SEWERS.DISPOSAL MUST BE IAW LOCAL,STATE,FEDERAL REGS.

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