

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:215-378-05

27

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

RTE

CS #: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 S  
KIN  
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. S  
KIN CONTACT:WASH WITH SOAP AND WATER. GET MED  
ATTENTION IF SYM PTOMS PERSIST. INGESTION:DRINK WATER ORMILK. 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:CONTRS HAZ WHEN EMPTY. ALL HAZ PRECS  
MUST BE OBSERVED. PROT. CONTRS AGAINST PHYS. DAMAGE KEEP CONTRS  
CLOSED.AVOID FIRE HAZ. STG IN COOL, DRY PLACE.  
Other Precautions:SEPARATE FROM  
CARBIDES,CHLORATES,FULMINATES,NITRATE

## S,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/

=====

### = 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 OXIDE  
S 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.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all

liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.