

GNB INC.,INDUSTRIAL BATTERY DIVISION -- SULFURIC ACID ELECTROLYTE -- 6140-00-349-8703
===== Product Identification =====

Product ID:SULFURIC ACID ELECTROLYTE

MSDS Date:01/01/1987

FSC:6140

NIIN:00-349-8703

MSDS Number: BDWYX

=== Responsible Party ===

Company Name:GNB INC.,INDUSTRIAL BATTERY DIVISION

Address:1606 SANTA ROSA RD

Box:K-9

City:RICHMOND

State:VA

ZIP:23288

Info Phone Num:804-288-2888

Eme

Agency Phone Num:804-288-2888

CAGE:LO279

=== Contractor Identification ===

Company Name:GNB BATTERIES INC INDUSTRIAL BATTERY DIV

Address:1606 SANTA ROSA RD

Box:K-9

City:RICHMOND

State:VA

ZIP:23288

Country:US

Phone:804-288-2888

CAGE:7D658

Company Name:GNB INC.,INDUSTRIAL BATTERY DIVISION

Address:1606 SANTA ROSA RD

Box:K-9

City:RICHMOND

State:VA

ZIP:23288

Phone:804-288-2888

CAGE:LO279

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

Ingred Name:SULFURIC ACID (SARA III)

CAS:7

664-93-9
RTECS #:WS5600000
Fraction by Wt: 28%
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:CONTACT MAY CAUSE PERMANENT DAMAGE TO EYES,SEVERE BURNS AND ULCERATION OF SKIN. INHALATION MAY DAMAGE RESPIRATORY TRACT. INGESTION WILL CAUSE SEVERE BURNS.
Effects of Overexposure:SEE HEALTH HAZARDS
Me
dical Cond Aggravated by Exposure:NONE NOTED

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First Aid Measures
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First Aid:EYES/SKIN:FLUSH WITH WATER.SEE DOCTOR IMMEDIATELY.REMOVE CONTAMINATED CLOTHING.INGESTION:GIVE MILK OR WATER,FOLLOWED BY 2 OZ MILK OF MAGNESIA (NO CARBONATES),SEE DOCTOR IMMEDIATELY.INHALATION:REMOVE T O FRESH AIR.GIVE CPR/OXYGEN IF NEEDED.SEE DOCTOR.

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Fire Fighting Measures
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Flash Point:NONE
Extinguishing Media
:DRY CHEMICAL
Fire Fighting Procedures:WEAR SCBA,FACE SHIELD,FULL PROTECTIVE CLOTHING. COOL EXTERIOR OF BATTERY TO PREVENT RUPTURE.
Unusual Fire/Explosion Hazard:RELEASES HYDROGEN GAS WHICH CAN FORM EXPLOSIVE MIXTURES. ACID MAY EMIT TOXIC FUMES UNDER FIRE. WATER WILL CAUSE HEAT GENERATION,BOIL OVER & SPLATTER.

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Accidental Release Measures
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Spill Release Procedures:COVER WITH SAND & NEUTRALIZE WITH SODA ASH OR QUICKLIME. SCOOP UP & CONTAINER

IZE FOR PROPER DISPOSAL

Neutralizing Agent:SODA ASH (SODIUM CARBONATE). QUICKLIME (CALCIUM OXIDE)

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

Handling and Storage Precautions:STORE AWAY FROM IGNITION SOURCES & COMBUSTIBLE MATERIAL. AVOID CONTACT WITH ORGANIC MATERIAL.

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

Respiratory Protection:NONE NORMALLY REQUIRED. NIOSH APPROVED CARTRIDGE RESPIRATOR FOR ACIDS OR FULL FACE MASK IF REQUIRED.

Ventilation:MECHANICAL (GENERAL) VENTILATION. LOCAL EXHAUST IN CONFINED AREAS.

Protective Gloves:CHEMICALLY RESISTANT

Eye Protection:GOGGLES

Other Protective Equipment:RUBBER APRON & BOOTS. EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

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

HCC:C1

Spec Gravity:1.26

Solubility in Water:COMPLETE

Appearance and Odor:SULFURIC ACID SOLUTION IN BATTERY C ASE

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

Stability Indicator/Materials to Avoid:YES

BASES,OXIDIZERS,REDUCING AGENTS,METAL POWDERS,ORGANIC MATERIAL.

Stability Condition to Avoid:HEAT. PROLONGED OVERCHARGING IN CONFINED SPACES.

Hazardous Decomposition Products:SO*2,SO*3

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

Waste Disposal Methods:DISPOSE OF IAW FEDERAL,STATE & LOCAL REGULATIONS.

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