

GNB INC -- ELECTROLYTE - SULFURIC ACID -- 6140-00-199-4991

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

Product ID:ELECTROLYTE - SULFURIC ACID

MSDS Date:01/03/1990

FSC:6140

NIIN:00-199-4991

MSDS Number: BPXCZ

=== Responsible Party ===

Company Name:GNB INC

Address:1110 HWY 110

City:MENDOTA

State:MN

ZIP:55118

Country:US

Info Phone Num:612-681-5000

Emergency Phone Num:612-681-5000

CAGE:70658

=== Contractor Identification ===

Company Name:BATTERY OUTLET INC

Address:1608 CAM

POSTELLA RD

Box:City:CHESAPEAKE

State:VA

ZIP:23324

Country:US

Phone:757-545-4442

CAGE:0FGN2

Company Name:GNB INC

Address:1110 HIGHWAY 110

Box:City:MENDOTA HEIGHTS

State:MN

ZIP:55118

Country:US

Phone:612-618-5000

CAGE:70658

Company Name:GNB INC.

Address:1110 HIGHWAY 110

Box:City:SAINT PAUL (MENDOTA HTS)

State:MN

ZIP:55118

Country:US

Phone:612-681-5000

CAGE:0MM77

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

Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:WS560

0000  
Fraction by Wt: 100%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9293  
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:EYES-SEVERE BURNS AND CORNEA DAMAGE.  
INGESTION-BURNS IN MOUTH, THROAT, ESOPHAGUS AND STOMACH.  
SKIN-IRRITATION, BURNS AND ULCERATIONS.

E  
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT  
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT  
CARCINOGENS.  
Effects of Overexposure:STINGING AND BURNING SENSATION TO SKIN AND  
EYES.  
Medical Cond Aggravated by Exposure:EXPOSURE TO ACID MIST CAN AGGRAVATE  
PULMONARY CONDITIONS.

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

First Aid:SKIN-FLUSH THOROUGHLY WITH WATER. EYES-FLUSH IMMEDIATELY WITH  
WATER AND GET PROMPT  
MEDICAL ATTENTION. CONTINUE FLUSHING EYES FOR  
AT LEAST 15 MIN.

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

Flash Point:NOT COMBUSTIBLE  
Extinguishing Media:SUITABLE DRY CHEMICAL.  
Fire Fighting Procedures:DO NOT USE WATER TO EXTINGUISH FIRE IF WATER  
CAN GET INTO CONCENTRATED ACID. IN CASE OF FIRE NEXT TO ACID TANK,  
USE RESPIRATORY PROTECTION AGAINST ACID MIST.  
Unusual Fire/Explosion Hazard:REACTS VIOLENTLY WITH WATER AND ORGANIC  
MATERAILS WITH EMULATION

OF HEAT.

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

Spill Release Procedures:CONTAIN SPILL WITH DIKE OR ABSORBENT MATERIAL.  
APPLY LIME, BAKING SODA, SODA ASH OR EQUIVALENT TO NEUTRALIZE FREE  
LIQUID PH 5-9. SCOOP UP SLURRY AND ANY CONTAMINATED MATERIAL (SOIL,  
DIKE MATERIAL, ETC .)

Neutralizing Agent:LIME. SODA ASH, BAKIN SODA.

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

Handling and Storage Precautions:AVOID CONTACT WITH EYES, SKIN  
OR

CLOTHING. AVOID BREATHING VAPORS. WASH THOROUGHLY AFTER HANDLING.

Other Precautions:NONE

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

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:RUBBER GLOVES

Eye Protection:SAFETY GOGGLES OR FACE SHIELD.

Other Protective Equipment:RUBBER BOOTS.

Work Hygienic Practices:TRY NOT TO SPLASH ON BODY OT FLOOR.

Supplemental Safety and Health

NONE

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Physical/Chemical Properties =====

HCC:C1

Boiling Pt:=95.C, 203.F

Melt/Freeze Pt:=-73.9C, -101.F

Vapor Pres:0.4-21.8

Vapor Density:3.40

Spec Gravity:1.0-1.840

Evaporation Rate & Reference:LESS THAN 1

Solubility in Water:100%

Appearance and Odor:CLEAR LIQUID WITH SHARP, PENETRATING PUNGENT ODOR.

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

Stability Indicator/Materials to Avoid:YES

COMBUSTIBLES, ORGANIC MATERIALS, STRONG REDUCING AGENTS.

Stability Cond

ition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:SULFUR TRIOXIDE, CARBON MONOXIDE, ACID  
MIST, SULFUR DIOXIDE.

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

Waste Disposal Methods:NEUTRALIZED LIQUID MAY BE DISSPOSED IN  
INDUSTRIAL SEWER IF LOCAL REGULATIONS PERMIT. ANY SOLID MATERIAL  
SHOULD BE DISPOSED IN ACCORDANCE WITH LOCAL REGULATIONS.

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