

GNB INCORPORATED -- PC-31-625C BATTERY ELECTRICAL STORAGE, WET -- 6140-01-134-5413

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

Product ID:PC-31-625C BATTERY ELECTRICAL STORAGE, WET

MSDS Date:04/15/1986

FSC:6140

NIIN:01-134-5413

MSDS Number: BPPNF

=== Responsible Party ===

Company Name:GNB INCORPORATED

Address:1110 HIGHWAY 110

City:MENDOTA HEIGHTS

State:MN

ZIP:55118

Country:US

Info Phone Num:612-681-5000

Em

ergency Phone Num:612-681-5000

CAGE:OMM77

=== Contractor Identification ===

Company Name:BATTERY OUTLET INC

Address:1608 CAMPOSTELLA RD

Box:City:CHESAPEAKE

State:VA

ZIP:23324

Country:US

Phone:757-545-4442

CAGE:0FGN2

Company Name:CHICAGO INDUSTRIAL TRADING CO

Address:1901 LANDMEIER RD

Box:City:ELK GROVE VILLAGE

State:IL

ZIP:60007

Country:US

Phone:708-981-0090

CAGE:0K4U5

Company Name:EXIDE TECHNOLOGIES INC CO, GNB INDUSTRIAL POWER DIV

Address:829 PARKVIEW BOULEVARD

Box:City:LOMBARD

State:IL

ZIP:60

148-3249
Country:US
Phone:800-872-0471/630-691-7841
CAGE:88219
Company Name:GNB INCORPORATED
Address:1110 HIGHWAY 110
City:MENDOTA HEIGHTS
State:MN
ZIP:55118
Country:US
Phone:612-681-5000
CAGE:OMM77

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

Ingred Name:SULFURIC ACID (SARA III)
CAS:7664-93-9
RTECS #:WS5600000
Fraction by Wt: 27%
OSHA PEL:1 MG/CUM
ACGIH TLV:1 MG/CUM; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:LEAD (SARA III)
CAS:7439-92-1
RTECS #:OF75
25000
Fraction by Wt: 50%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.05 MG/M3;1910.1025
ACGIH TLV:0.15 MG/M3;DUST 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

===== 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:ELECTROLYTE- ACUTE: BURNS, SEVERE
IRRITATION OF SKIN & EYES, MOUTH, THROAT, ESOPHAGUS AND STOMACH;
INFLAMMATION OF BRONCHIA

L MEMBRANES. CHRONIC: EROSION OF TEETH,
INFLAMMATION OF NOSE, THROAT AND BRONCHIAL TUBES.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALED: COUGHING, WHEEZING, SHORTNESS OF
BREATH. SKIN: BURNING SENSATION, BURNS, REDNESS, BLISTERS, PAIN.
EYES: PAIN, REDNESS, BLURRED VISION, TEARING. INGESTED: BURNS OF
MOUTH AND THROAT, SEVERE STOMACH PAIN, NAUSEA, VOMITING.

Medical Condition Aggravated by Exposure:EXPOSURE TO MISTS MAY CAUSE LUNG
DAMAGE AND AGGRAVATE PULMONARY
CONDITIONS.

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

First Aid:INHALED: REMOVE TO FRESH AIR. EYES: FLUSH WITH LOTS OF WATER
FOR 15 MINUTES. SEE DOCTOR. SKIN: REMOVE CONTAMINATED CLOTHES.
FLUSH WITH LOTS OF WATER FOR 15 MINUTES.

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

Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER
FOG.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PRO
TECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE.

Unusual Fire/Explosion Hazard:ELECTROLYTE REACTS VIOLENTLY WITH WATER
AND ORGANIC MATERIALS WITH EVOLUTION OF HEAT.

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

Spill Release Procedures:WEAR APPROPRIATE PROTECTIVE EQUIPMENT. DILUTE
CAUTIOUSLY WITH WATER. COVER WITH SODA ASH OR QUICKLIME. SCOOP UP
AND PLACE IN APPROPRIATE DISPOSAL CONTAINER.

Neutralizing Agent:SODA ASH (SODIUM CARBONATE) OR QUICKLIME (CALCIUM
OX
IDE).

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

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

Other Precautions:KEEP TERMINALS COVERED IN PLASTIC CASE.AVOID SHORTING
BATTERIES.

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

Respiratory Protection:NONE NORMALLY REQUIRED. NIOSH/MSHA-APPROVED
CARTRIDGE RESPIRATOR FOR ACIDS OR FULL FACE MASK AS APPROPRIATE

FOR
EXPOSURE OF CONCERN WHEN TLV IS EXCEEDED.
Ventilation:GENERAL (MECHANICAL) VENTILATION. LOCAL EXHAUST IN CONFINED AREAS.
Protective Gloves:RUBBER
Eye Protection:GOGGLES
Other Protective Equipment:RUBBER APRON AND BOOTS.EYES WASH STATION AND SAFETY SHOWER.
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.
Supplemental Safety and Health
THIS MSDS IS FOR ACID IN BATTERY.ADDITIONAL HAZARDS ASSOCIATED WITH THE LEAD CONTAINED IN
THE BATTERY PLATES MAY BE PRESENT AT TIME OF DISPOSAL.

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

HCC:C1
Appearance and Odor:BATTERY

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

Stability Indicator/Materials to Avoid:YES
COMBUSTIBLES, ORGANIC MATERIALS, STRONG REDUCING AGENTS.
Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES. OVERCHARGING.
Hazardous Decomposition Products:SULFURIC ACID FUMES, SULFUR DIOXIDE,

SULFUR TRIOXIDE, CARBON MONOXIDE.

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

Waste Disposal Methods:CONSULT YOUR LOCAL ENVIRONMENTAL OFFICER.
DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL ENVIRONMENTAL REGUALTIONS.

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, warrant

s 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.