

GNB BATTERIES INC INDUSTRIAL BATTERY DIV -- BATTERY ELECTRIC STORAGE, WET --  
6140-01-283-0416

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

Product ID: BATTERY ELECTRIC STORAGE, WET  
MSDS Date: 01/03/1990  
FSC: 6140  
NIIN: 01-283-0416  
MSDS Number: BPGJT  
=== Responsible Party ===  
Company Name: GNB BATTERIES INC INDUSTRIAL BATTERY DIV  
Address: 4530 OLD LN  
City: CHESTER  
State: VA  
ZIP: 23831  
Country: US  
Info Phone Num: 804-7  
51-9191  
Emergency Phone Num: 804-751-9191  
CAGE: 7D658

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===== 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

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

Ingred Name: LEAD (SARA III)  
CAS: 7439-92-1  
RTECS #: OF7525000  
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

Ingred Name:SULFURIC ACID (SARA III)  
CAS:7664-93-9  
RTECS #:WS5600000  
Fraction by Wt: 27%  
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

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===== Hazards Identification =====  
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Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:THE SULFURIC ACID IS AN EYE AND SKIN  
IRRITATE.

Effects of Overexposure:STINGING AND BURNING SENSATION TO SKIN AND  
EYES.  
Medical Cond Aggravated by Exposure:EXPOSURE TO ACID MIST CAN AGGRAVATE  
PULMONARY CONDITIONS.

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===== First Aid Measures =====  
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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. OR UNTIL MEDICAL ATTENTION IS OBTAINED.

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===== Fire Fighting Measures =====  
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Extinguishing Media:DRY CHEMICAL  
Fire Fighting Procedures:ORDINARY  
Unusual Fire/Explosion Hazard:WHEN ON CHARGE AND APPROACHING FULL  
CHARGE, GASES GENERATED ARE VOLATILE. KEEP SOURCES OF IGNITION  
(SPARKS AND FLAMES) AWAY.

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===== Accidental Release Measures =====  
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Spill Release Procedures:APPLY AN EQUAL AMOUNT OF BAKING SODA, SODA  
ASH, CAUSTIC SODA OR EQUIVALENT OVER SPILLED ELECRROLYTE TO  
NEUTRALIZE IT AND ADD WATER IF NECESSARY

TO FORM A SLURRY. SCOOP UP  
SLURRY.

Neutralizing Agent:BAKING SODA, SODA ASH, OR CAUSTIC SODA.

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Handling and Storage  
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Handling and Storage Precautions:STORE WITH VENT SIDE UP. BE CERTAIN  
VENTS ARE FREE OF DIRT, ETC. TO INSURE AIR FLOW.

Other Precautions:DO NOT SHORT OUT POSITIVE AND NEGATIVE ELECTRODES  
WITH A CONDUCTOR. THIS MAY CAUSE A HOT ELECTRICAL SPARK.

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Exposure Controls/Personal Protection  
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Respirator

y Protection:NONE SPECIFIED BY MANUFACTURER.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:RUBBER GLOVES

Eye Protection:SAFETY GOGGLES OR FACE SHIELD

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

AVOID SOURCES OF IGNITION WHEN CHARGING.

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Physical/Chemical Properties  
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HCC:C1

Appearance and Odor:BATTERY

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Stability and Reactiv  
ity Data  
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Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

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Disposal Considerations  
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Waste Disposal Methods:DO NOT DISPOSE OF BATTERY. SPENT OR UNUSABLE  
BATTERIES SHOULD BE RECYCLED BY A LICENSED BATTERY RECYCLER.

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