

GNB INC INDUSTRIAL BATTERY DIV WOODLAKE CORP PARK -- LEAD-ACID CELL (ANTIMONY),  
MODEL NO. 18-75C -- 6140-01-135-2777

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

Product ID:LEAD-ACID CELL (ANTIMONY), MODEL NO. 18-75C

MSDS Date:08/05/1988

FSC:6140

NIIN:01-135-2777

MSDS Number: BNWCL

=== Responsible Party ===

Company Name:GNB INC INDUSTRIAL BATTERY DIV WOODLAKE CORP PARK

Address:829 PARKVIEW BOULEVARD

City:LO

MBARD

State:IL

ZIP:60148-3249

Country:US

Info Phone Num:708-629-5200

Emergency Phone Num:708-629-5200

Preparer's Name:JAMES B. DOE, P.E.

CAGE:88219

=== Contractor Identification ===

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

Address:829 PARKVIEW BOULEVARD

Box:City:LOMBARD

State:IL

ZIP:60148-3249

Country:US

Phone:800-872-0471/630-691-7841

CAGE:88219

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

Ingred Name:LEAD (SARA III)

CAS:7439-92-1

RTECS #:OF752

5000

Fraction by Wt: 51.4%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.05 MG/M3;1910.1025

ACGIH TLV:0.15 MG/M3;DUST 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:ANTIMONY (SARA III)

CAS:7440-36-0

RTECS #:CC4025000

Fraction by Wt: 1.0%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.5 MG/M3

ACGIH TLV:0.5 MG SB/M3; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:LEAD(IV) OXIDE

CAS:1309-60-0

RTECS #:OG0700000

CID (SARA III)  
CAS:7664-93-9  
RTECS #:WS5600000  
Fraction by Wt: 18.6%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:NONE HAZARDOUS INGREDIENTS  
RTECS #:9999999ZZ  
Fraction by Wt: 8.2%  
Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

===== F

First Aid Measures =====

First Aid:EYES- IMMEDIATELY FLUSH WITH WATER AND CONTINUE FLUSHING FOR 15 MIN. GET MEDICAL ATTENTION PROMPTLY. SKIN- PROMPTLY WASH THE EXPOSED SKIN WITH SOAP AND WATER. GET MEDICAL ATTENTION. INHALATION- REMOVE PERSON TO FRESH AIR. IF BREATHING IS STOPPED, PERFORM ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION IMMEDIATELY. INGESTION- GET MEDICAL ATTENTION IMMEDIATELY. INGEST LARGE QUANTITIES OF WATER.

===== F

Fire Fighting Measures =====

Lower Limits:4, HYDROGEN  
Upper Limits:75, HYDROGEN  
Extinguishing Media:DRY CHEMICAL  
Fire Fighting Procedures:IF ELECTROLYTE IS EXPOSED DURING A FIRE, DO NOT COVER OR SPLASH WITH DRY CHEMICAL.  
Unusual Fire/Explosion Hazard:KEEP SPARKS AND FLAMES AWAY FROM CELLS. HYDROGEN AND OXYGEN GASES ARE GENERATED DURING CHARGING.

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

Spill Release Procedures:APPLY CAUSTIC SODA OR EQUIVALENT

TO NEUTRALIZE  
ELECTROLYTE.  
Neutralizing Agent:CAUSTIC SODA.

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

Handling and Storage Precautions:AVOID DROPPING OR BUMPING CELLS. DO NOT STORE CELLS ABOVE 130F. MAINTAIN CHARGE AND ELECTROLYTE IN STORED CELLS.  
Other Precautions:DO NOT SHORT CIRCUIT CELL AS THIS CAN RESULT IN EXPLOSION AN/OR CELL DAMAGE.

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

Respiratory Protection:NONE NORMALLY REQUI  
RED.  
Ventilation:MECHANICAL EXHAUST TO FRESH AIR.  
Protective Gloves:RUBBER  
Eye Protection:GOGGLES OR FACE SHIELD.  
Other Protective Equipment:RUBBER BOOTS, RUBBER APRON, AND POLYESTER CLOTHING.  
Work Hygienic Practices:WASH HANDS AND EQUIPMENT WITH WATER AFTER USE.  
Supplemental Safety and Health  
NONE

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

HCC:C1  
Appearance and Odor:BATTERY

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

Stability Indicator/  
Materials to Avoid:YES  
Stability Condition to Avoid:EXCESSIVE OVERCHARGING WHICH CAN GENERATE SULFUR OXIDES, HYDROGEN SULFIDE, ETC.  
Hazardous Decomposition Products:THERMAL DECOMPOSITION RELEASES SULFUR OXIDE, HYDROGEN SULFIDE, AND STIBINE (ANTIMONY HYDRIDE).

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

Waste Disposal Methods:NEUTRALIZED ELECTROLYTE MAY BE DISPENSED IN SEWER SYSTEM IF LOCAL REGULATIONS PERMIT. DELIVER DISCARDED CELLS TO QUALIFIED BATTERY

## WASTE HANDLING SERVICE.

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