

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.

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, warrants 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.