

EXIDE CORP.-GENERAL BATTERY CORP -- LEAD-ACID BATTERY,C 31-6 -- 6140-01-203-4909  
===== Product Identification =====

Product ID:LEAD-ACID BATTERY,C 31-6  
MSDS Date:09/01/1993  
FSC:6140  
NIIN:01-203-4909  
MSDS Number: BYDKN  
=== Responsible Party ===  
Company Name:EXIDE CORP.-GENERAL BATTERY CORP  
Address:645 PENN STREET  
City:READING  
State:PA  
ZIP:19601  
Country:US  
Info Phone Num:215-378-0500  
Emergency Ph  
one Num:215-378-0500/800-424-9300(CHEMTREC)  
CAGE:08163  
=== Contractor Identification ===  
Company Name:EXIDE CORP.-GENERAL BATTERY CORP  
Address:645 PENN STREET  
Box:City:READING  
State:PA  
ZIP:19601  
Country:US  
Phone:215-378-0527/800-424-9300(CHEMTREC)  
CAGE:08163

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

Ingred Name:LEAD (SARA 313) (CERCLA)  
CAS:7439-92-1  
RTECS #:OF7525000  
Fraction by Wt: 53%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:SEE 1910.1025  
ACGIH TLV:0.15MG/M3 DUST

; 9495  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:ANTIMONY (SARA 313) (CERCLA)  
CAS:7440-36-0  
RTECS #:CC4025000  
Fraction by Wt: 0.2%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.5 MG/M3  
ACGIH TLV:0.5 MG (SB)/M3; 9495  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ARSENIC (SARA 313) (CERCLA)  
CAS:7440-38-2  
RTECS #:CG0525000  
Fraction by Wt: 0.003%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:SEE 1910.1018  
ACGIH TLV:0.01 MG/M3, A1; 9495  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:CALCIUM  
, METAL  
CAS:7440-70-2  
RTECS #:EV8040000  
Fraction by Wt: 0.02%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:TIN  
CAS:7440-31-5  
RTECS #:XP7320000  
Fraction by Wt: 0.06%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3; 9495

Ingred Name:SULFURIC ACID (SARA 302/313) (CERCLA)  
CAS:7664-93-9  
RTECS #:WS5600000  
Fraction by Wt: 30 - 40%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3/3 STEL; 9495  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:CASE MATERIAL

Fraction by Wt: 5 - 6%

Other REC Limits:NONE RECOMMENDED

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

Flash Point:NONE

Lower Limits:4.1%HYDROGEN

Upper Limits:74.2HYDROGEN

Extinguishing Media:MULTI-PURPOSE DRY CHEMICAL, CARBON DIOXIDE, FOAM.  
WATER SPRAY MAY BE USED TO COOL FIRE-EXPOSED BATTERIES.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND  
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL  
FACEPIECE OPERATED IN THE POSITIVE PRESSURE M  
ODE.

Unusual Fire/Explosion Hazard:HYDROGEN GAS MAY BE PRODUCED AND MAY  
EXPLODE IF IGNITED. SULFURIC ACID MISTS MAY BE FORMED.

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

Supplemental Safety and Health

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

HCC:Z4

NRC/State Lic Num:NOT RELEVANT

Spec Gravity:NOT RELEVANT

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:NOT RELEVANT

Appearance and Odor:SEALED LEAD

ACID AUTOMOTIVE BATTERY, RECTANGULAR OR  
SQUARE IN SHAPE - NO ODOR

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

Stability Indicator/Materials to Avoid:YES

NOT RELEVANT

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES, OVERCHARGING,  
SMOKING, SPARKS, SHORTING. DO NOT PUNCTURE BATTERY CASE.

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