

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 Phon

e 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
F

raction 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 MOD

E.

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 A

CID 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.

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.