

EXIDE CORP.-GENERAL BATTERY CORP -- DRY CHARGE BATTERY(NO ELECTROLYTE ADDED) --
6140-00-438-0299

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

Product ID:DRY CHARGE BATTERY(NO ELECTROLYTE ADDED)

MSDS Date:04/01/1996

FSC:6140

NIIN:00-438-0299

MSDS Number: CDJPS

=== Responsible Party ===

Company Name:EXIDE CORP.-GENERAL BATTERY CORP

Address:645 PENN STREET

Box:14205

City:READING

State:PA

ZIP:19612-4205

Countr

y:US

Info Phone Num:610-378-0500

Emergency Phone Num:800-424-9300(CHEMTREC)

Preparer's Name:ENVIRONMENTAL RESOURCES

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: 5%

Other REC

Limits:NONE RECOMMENDED
OSHA PEL:SEE 1910.1025
ACGIH TLV:0.05MG/M3, A3; 9596
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; 9596
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; 9596
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:CALCIUM, METAL
CAS:7440-70-2
RTECS #:EV8040000
Other REC Limits:NONE RECOMMENDED

Ingred Name:TIN
CAS:7440-31-5
RTECS #:XP7320000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3; 9596

Ingred Name:POLYPROPYLENE
CAS:9003-07-0
RTECS #:TR5000000
Other REC Limits:NONE RECOMMENDED

Ingred Name:HARD RUBBER
Other REC Limits:NONE RECOMMENDED

Ingred Name:LEAD OXIDE
CAS:1309-60-0
RTECS #:OG0700000
Other REC Limits:NONE RE

COMMENDED

Ingred Name:LEAD SULFATE (SARA 313) (CERCLA)

CAS:7446-14-2

RTECS #:OG4375000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:SEE 1910.1025

ACGIH TLV:0.15 MG(PB)/M3; 9596

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:NO HAZARD UNLESS LEAD FUMES ARE EVOLVED.EYES:MAY CAUSE IRRITATION.

SKIN:ARE NOT ABSORBED THROUGH

SKIN.INGEST:MAY CAUSE GI TRACT IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION.CHRONIC:ANEMIA,MOTOR NE UROPATHY,KIDNEY DAMAGE AND REPRODUCTIVEEFFECTS.

Explanation of Carcinogenicity:LEAD IS LISTED AS IARC-2B.ARSENIC IS LISTED NTP,IARC AND OSHA.

Effects of Overexposure:INGEST:ABDOMINAL

PAIN,NAUSEA,VOMITING,DIARRHEA,CRAMPING.ACUTE

OVEREXPOSURE:HEADACHE,FATIGUE,ABDOMINAL PAIN,LOSS OF APPETITE,WEAKNESS,SLEEP DISTURBANCES,IRRITABILITY.CHRONI

C:WRIST

DROP

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING

LIVER,KIDNEY AND NEUROLOGICAL AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

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===== First Aid Measures =====

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.GET MEDICAL ATTENTION IF NEEDED.EYES:FLUSH WITH WATER FOR 15 MINUTES.GET IMMEDIATE MEDICAL ATTENTION.INHAL:REMOVE TO FRESH AIR.GARGLE,WASH LI PS AND GET IMMEDIATE MEDICAL ATTENTION.

INGEST:DO

NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.

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

Flash Point:NONE

Lower Limits:4.396(H*2)

Upper Limits:74.296(H*2)

Extinguishing Media:DRY CHEMICAL,CARBON DIOXIDE,FOAM.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS OPERATED IN THE POSITIVE PRESSURE MODE AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:FLAMMABLE HYDROGEN GAS IS GENERATED DURING OPERATION AND

CHARGING.

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

Spill Release Procedures:VENTILATE AREA.USE PROPER PROTECTIVE AND RESPIRATORY EQUIPMENT.WET SWEEP OR HEPA VACUUM;DO NOT CREATE DUST;PLACE IN A DRY CONTAINER FOR DISPOSAL.CLEAN SPILL AREA WITH WATER.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM

HEAT,SPARKS,FLAMES AND INCOMPATIBLE MATERIALS.

Other Precautions:FOLLOW LABEL DIRECTIONS.

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

Respiratory Protection:NOT NEEDED IN NORMAL SERVICE.

Ventilation:USE GENERAL DILUTION VENTILATION.

Protective Gloves:RUBBER OR PLASTIC W/GAUNTLETS.

Eye Protection:CHEMICAL SPLASH GOGGLES WHEN FILLING.

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health

NONE

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

HCC:N1

Boiling Pt:B.P. Text:>2316F,>126

Melt/Freeze Pt:M.P/F.P Text:486-680F

Spec Gravity:9.6-11.3

Evaporation Rate & Reference: