

EXIDE CORP -- DRY BATTERY (NO ELECTROLYTE ADDED) -- 6140-01-116-7768

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Product Identification
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Product ID:DRY BATTERY (NO ELECTROLYTE ADDED)

MSDS Date:04/01/1998

FSC:6140

NIIN:01-116-7768

Status Code:A

MSDS Number: CLKDF

=== Responsible Party ===

Company Name:EXIDE CORP

Address:645 PENN STREET

Box:14205

City:READING (FORMALLY IN HORSHAM)

State:PA

ZIP:19612-4205

Country:US

Info Phone Nu

m:610-378-0500

Emergency Phone Num:610-378-0500

Preparer's Name:REGULATORY AFFAIRS

Chemtec Ind/Phone:(800)424-9300

CAGE:20038

=== Contractor Identification ===

Company Name:EXIDE CORP

Address:645 PENN STREET

Box:14205

City:READING

State:PA

ZIP:19612-4205

Country:US

Phone:610-378-0500/0798

CAGE:20038

Company Name:RPM SUPPLY CORP

Address:5071 BRAND RD

Box:City:DUBLIN

State:OH

ZIP:43017-8514

Country:US

Phone:614-889-5533

Contract Num:SP0430-01-M-FD61

CAGE:4T958

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Composition/Informat

ion on Ingredients =====

Ingred Name:LEAD
CAS:7439-92-1
RTECS #:OF7525000
Minumum % Wt:92.
Maxumum % Wt:93.
ACGIH TLV:0.15 MG/M3
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:ANTIMONY
CAS:7440-36-0
RTECS #:CC4025000
= Wt:.2
OSHA PEL:0.5 MG/M3
ACGIH TLV:0.5 MG/M3
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ARSENIC
CAS:7440-38-2
RTECS #:CG0525000
Minumum % Wt:0.
Maxumum % Wt:.01
ACGIH TLV:0.01 MG/M3
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:CALCIUM
CAS:7440-70-2
RTECS #:
EV8040000
= Wt:.02

Ingred Name:CASE MATERIAL: POLYPROPYLENE & HARD RUBBER
Minumum % Wt:6.
Maxumum % Wt:8.

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:ACUTE: (LEAD COMPOUNDS)SYMPTOMS OF TOXICITY INCLUDE HEADACHE, FATIGUE, ABDOMINAL PAIN, LOSS OF APPETITE, MUSCULAR ACHES AND WEAKNESS, SLEEP DISTURBANCES & IRRITABILITY. CHRONIC: (LEAD COMPOUNDS) ANEMI A, NEUROPATHY,

PARTICULARLY OF THE MOTOR NERVES, WITH WRIST DROP; KIDNEY DAMAGE; REPRODUCTIVE CHANGES IN BOTH MALES AND FEMALES.

Explanation of Carcinogenicity:LEAD COMPOUNDS: LISTED AS A 2B CARCINOGEN, LIKELY IN ANIMALS AT EXTREME DOSES. PROOF OF CARCINOGENICITY IN HUMANS IS LACKING AT PRESENT. ARSENIC: IS A LISTED CARCINOGEN BY OSHA, NTP & IARC.

Effects of Overexposure:LEAD COMPOUNDS: INHALATION-INHALATION OF DUST OR FUMES MAY CAUSE IRRITATION OF UPPER RESPIRATORY TRACT AND LUNGS. IN

GESTION-ACUTE INGESTION MAY CAUSE ABDOMINAL PAIN, NAUSEA, VOMITING, DIARRHEA & SEVERE CRAMPING. THIS MAY LEAD RAPIDLY TO SYSTEMIC TOXICITY AND MUST BE TREATED BY A PHYSICIAN. SKIN-NOT ABSORBED THROUGH THE SKIN. EYE-MAY CAUSE EYE IRRITATION.

Medical Cond Aggravated by Exposure:LEAD AND ITS COMPOUNDS CAN AGGRAVATE SOME FORMS OF KIDNEY, LIVER AND NEUROLOGIC DISEASES.

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

First Aid:LEAD: INHALATION-REMOVE FROM EXPOSURE, GARGLE, WASH NOSE AND LIPS; CONSULT PHYSICIAN. INGESTION-CONSULT PHYSICIAN IMMEDIATELY. SKIN-WASH IMMEDIATELY WITH SOAP AND WATER. EYES-FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MIN; CONSULT PHYSICIAN.

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

Extinguishing Media:ANY FIRE EXTINGUISHING MEDIA MAY BE USED. INORGANIC LEAD COMPOUND IS NOT A COMBUSTIBLE MATERIAL, NOR WILL IT EXPLODE UNDER CONDITIONS OF NORMAL USE.

Fire Fighting Procedures:WEAR FULL BODY PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS WITH POSITIVE PRESSURE AND FULL FACE PIECE.

Unusual Fire/Explosion Hazard:AVOID RISK OF FIRE OR EXPLOSION, KEEP SPARKS OR OTHER SOURCES OF IGNITION AWAY FROM BATTERIES & DO NOT ALLOW METALLIC MATERIALS TO SIMULTANEOUSLY CONTACT NEGATIVE AND/OR POSITIVE TERMINALS OF CELLS & BATTERIES. FOLLOW MANUFACTURERS INSTRUCTIONS: INSTALL/SERVICE.

===== Accidental Release Measure

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Spill Release Procedures:LEAD DUST OR PARTICULATE SHOULD BE VACUUMED (USING HEPA FILTER) OR WET-SWEPT; USING CONTROLS WHICH MINIMIZE FUGITIVE EMISSIONS; DO NOT USE COMPRESSED AIR. PLACE IN DRY, CLOSED CONTAINERS FOR DISPOSAL OR RECYCLING.

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

Handling and Storage Precautions:STORE BATTERIES IN COOL, DRY, WELL-VENTILATED AREAS. BATTERIES SHOULD BE STORED UNDER ROOF FOR PROTECTION AGAINST ADVERSE WEATHER CONDITIONS. SEPERATE FROM INCOMPATIBLE MATERIALS. STORE/HANDLE ONLY IN AREAS WITH ADEQUATE WATER SUPPLY. AVOID DAMAGE TO CONTAINERS. KEEP AWAY FROM FIRE/,SPARKS/ HEAT.

Other Precautions:PRECAUTIONARY LABELLING: POISON - CAUSES SEVERE BURNS. LEAD COMPOUNDS: HAZARDOUS EXPOSURE CAN OCCUR ONLY WHEN PRODUCT IS HEATED ABOVE MELTING POINT, OXIDIZED OR OTHERWISE PROCESSED OR DAMAGED TO CREAT E DUST, VAPOR OR FUME.

===== Exposure Controls/Personal Protec
tion =====

Respiratory Protection:NONE REQUIRED UNDER NORMAL CONDITIONS.

Ventilation:STORE & HANDLE IN DRY, VENTILATED AREA.

Protective Gloves:RUBBER OR PLASTIC ACID-RESISTANT W/ ELBOW-LENGTH GAUNTLET WHEN FILLING BATTERY

Eye Protection:CHEMICAL GOGGLES OR FACE SHIELD WHEN FILLING OR HANDLING BATTERIES.

Other Protective Equipment:WEAR COVERALLS OR FULL-BODY COVERING DURING USE. WHEN FILLING BATTERIES USE ACID-RESISTANT APRON. UNDER SEVERE EXPOSURE OR EMERGENCY CONDITI
ONS, WEAR ACID-RESISTANT CLOTHING AND
BOOTS.

Work Hygienic Practices:HANDLE BATTERIES CAUTIOUSLY TO AVOID SPILLS. MAKE CERTAIN VENT CAPS ARE ON SECURELY. AVOID CONTACT WITH INTERNAL COMPONENTS. WEAR PROTECTIVE CLOTHING WHEN FILLING OR HANDLING BATTERIES.

Supplemental Safety and Health

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

HCC:N1

Boiling Pt:B.P. Text:(760MM HG)>2516F

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

Spec Gravity:9.6 TO 11.3(H20=1)

Evaporatio

n Rate & Reference: