Dry Charge Battery

Safety Data Sheet

According to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name	Dry Charge Battery
Synonyms	

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Batteries for automotive
Uses Advised Against	None identified

1.3 Details of the supplier of the safety data sheet

Supplier	
Company Identification	Interstate Batteries Inc.
Address	12770 Merit Drive Suite 1000 Dallas, TX 75251
Telephone:	866-884-4635

1.4 Emergency telephone number

Emergency Phone No.	1-800-255-3924 (24 HOURS) Chemtel

SECTION 2: HAZARDS IDENTIFICATION

NOTE: Material is a complex article. No health effects are expected related to the regular use of this product as sold. Hazardous exposure can occur only when the product is heated, oxidized, or otherwise processed or damaged to create lead dust, vapor, or fume. Refer to the Safety Data Sheet for Lead Acid Battery when battery is filled with electrolyte/battery acid.

2.1 Classification of the substance or mixture

US 29 CFR 1910.1200	Not classified as dangerous for supply/use.

2.2 Label elements

According to US 29 CFR 1910.1200

Product Name	Dry Charge Battery
Hazard Pictogram(s)	None.
Signal Word(s)	None.
Hazard Statement(s)	None.
Precautionary Statement(s)	None.

2.3 Other hazards

Other hazards which do not result in classification	None known.

2.4 Unknown acute toxicity

Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	%W/W	Component / element
Lead	7439-92-1	90.00	Inorganic lead compounds
antimony	7440-36-0	0.20	
None hazardous polymer/ copolymer	Varies	5 - 10	Case Material

The specific chemical\ component identities and/or the exact component percentages of this material may be withheld as trade secrets.

This information is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions of 29 CFR 1910.1200 (I)(1). Trace ingredients (if any) are present in < 1% concentration, (< 0.1% for potential carcinogens, mutagen, and reproductive toxicant, respiratory tract and skin sensitizers in addition to oral/ inhalation acute toxicant in category 1 and 2). None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation — First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact — First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. Wash skin with water.

Eye Contact — First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. Flush eyes with water for at least 15 minutes.

Ingestion — First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. Wash out mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated. Treat symptomatically.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media — As appropriate for surrounding fire. Dry chemical, foam or carbon dioxide.

Unsuitable Extinguishing Media — None.

5.2 Special hazards arising from the substance or mixture

Lead, lead compounds, metal fume and vapor may be released during a fire involving the product.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Dike fire control water for later disposal.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

No special precautions expected to be necessary if material is used under ordinary conditions and as recommended.

6.2 Environmental precautions

Do not release large quantities into the surface water or into drains. Prevent entry into waterways, sewers or confined areas. Runoff from fire control and dilution water may be toxic and corrosive and may cause adverse environmental impacts.

6.3 Methods and material for containment and cleaning up

Lead dust should be vacuumed or wet swept into a D.O.T. approved container. Use controls that minimize fugitive emissions. Do not use compressed air.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle batteries cautiously. Follow manufacturer's instructions for installation and service. Do not allow conductive material to touch the battery terminals. Short circuit may occur and cause battery failure and fire. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature	Ambient. Do not use or store near heat or open flame.
Storage life	Stable under normal conditions.
Incompatible materials	None known.

7.3 Specific end use(s)

Not known.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note:
Lead and inorganic compounds, as Pb	7439-92-1		0.05			ACGIH TLV, A3
Lead, inorganic (as Pb)	7439-92-1		0.05			NIOSH REL Z-1

Lead (metallic) and inorganic compounds, dust and fume, as Pb	7439-92-1		0.05			OSHA PEL
Antimony and compounds, as Sb	7440-36-0		0.5			ACGIH TLV
Antimony and compounds (as Sb)	7440-36-0		0.5			NIOSH REL Z-1
Antimony and compounds, as Sb	7440-36-0		0.5			OSHA PEL
Antimony and compounds (as Sb)	7440-36-0		0.5			OSHA PEL Z-1

Remark	Notes
ACGIH TLV	The American Conference of Governmental Industrial Hygienists (ACGIH®) Threshold Limit Values (TLVs®) 2020
A3	Confirmed Animal Carcinogen with Unknown Relevance to Humans
NIOSH REL Z-1	National Institute for Occupational Safety and Health (NIOSH) Recommended Exposure Limits (RELs) from the NIOSH Pocket Guide to Chemical Hazards table Z-1: Up to 10-hour time weighted average (TWA) during a 40-hour work week
OSHA PEL	Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs).
OSHA PEL Z-1	Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL) from 29 CFR 1910.1000 Z-1 Table

BEI: Biological Exposure Indices (ACGIH)						
Substances	CAS Number	Sampling	Tissues	Control parameters	Biological monitoring guidance value	Comments
Lead and iinorganic compounds	7439-92-1	Not critical	blood	Lead	200 µg/L	p

Remark	Notes
p	Persons applying this BEI® are encouraged to counsel female workers of child-bearing age about the risk of delivering a child with a PbB over the current CDC reference value.(CDC: Guidelines for the identification and management of lead exposure in pregnant and lactating women, 2010.)

8.2 Exposure controls

8.2.1. Appropriate engineering controls Ensure adequate ventilation.

8.2.2. Personal protection equipment

Eye Protection Wear eye protection with side protection.

Skin protection Not normally required.

Respiratory protection Normally no personal respiratory protection is necessary. A suitable mask with filter type A may be appropriate.

Thermal hazards	None known.
8.2.3. Environmental Exposure Controls	Do not release large quantities into the surface water or into drains.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Solid. Manufactured Article.
	Color : Bluiish gray metal
Odor	Odorless solid.
Odor Threshold	Not applicable.
pH	Not known.
Melting Point/Freezing Point	485 - 680F
Initial boiling point and boiling range	Not applicable.
Flash Point	Not applicable.
Evaporation Rate	Not known.
Flammability (solid, gas)	
Upper/lower flammability or explosive limits	Not applicable. (Manufactured Article)
Vapor pressure	Not known.
Vapor density	Not known.
Density (g/ml)	599.3 - 705.5 lbs/ft3
Relative density	9.6 - 11.3 Density (water=1)
Solubility(ies)	Solubility (Water) :
	Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	Not known.
Explosive properties	Not applicable. (Manufactured Article)
Oxidizing properties	Not known.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

None anticipated.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Prolonged overcharge, sources of ignition.

10.5 Incompatible materials

Avoid contact with combustible organic materials, halides, halogenates, potassium nitrate, permanganate, peroxides, nascent hydrogen, reducing agents and water.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion	Low acute toxicity
Acute toxicity - Skin Contact	Low acute toxicity
Acute toxicity - Inhalation	Low acute toxicity
Skin corrosion/irritation	Non-irritant
Serious eye damage/irritation	Non-irritant
Skin sensitization data	Not classified
Respiratory sensitization data	Not classified
Germ cell mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenicity.
Reproductive toxicity	Not classified
Lactation	Not classified
STOT - single exposure	Not classified
STOT - repeated exposure	Not classified
Aspiration hazard	Not classified

11.2 Other information

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

12.2 Persistence and degradability

Not known.

12.3 Bioaccumulative potential

Not known.

12.4 Mobility in soil

Not known.

12.5 Other adverse effects

Not known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose at suitable refuse site. Dispose of contents in accordance with local, state or national legislation. Send to a licensed recycler, reclaimer or incinerator. Dispose of this material and its container to hazardous or special waste collection point. Dispose at suitable refuse site.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not classified as a Marine Pollutant.

14.6 Special precautions for user

Not known

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not known

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

Toxic and hazardous substances (29 CFR 1910; Subpart Z)	Listed : 7439-92-1, 7440-36-0
National emission standards for hazardous air pollutants (40 CFR 61.01)	Not listed
SARA Title III Section 313	Not listed
TSCA (Toxic Substance Control Act)	Listed : 9003-07-0 (Active), 7439-92-1 (Active), 7440-36-0 (Active)
CAA 602 - Ozone Depleting Substances (ODS)	Not listed

15.2 US State Regulations

State Right to Know Lists

Proposition 65 (California)	Listed : 7439-92-1
Minnesota	Listed : 7439-92-1, 7440-36-0
New Jersey	Listed : 7439-92-1, 7440-36-0
Pennsylvania	Listed : 7439-92-1, 7440-36-0
Rhode Island	Listed : 7439-92-1

15.3 Other

OSPAR List of Chemicals for Priority Action	Listed : 7439-92-1
OSHA (List of Highly Hazardous Chemicals, Toxics and Reactives)	Not listed
NTP (National Toxicology Program)	Listed : 7439-92-1
IARC (International Agency for Research on Cancer)	Listed : 9003-07-0, 7439-92-1

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Acronyms	ATE: Acute Toxicity Estimate CAS : Chemical Abstracts Service LTEL : Long term exposure limit STEL : Short term exposure limit STOT : Specific Target Organ Toxicity
Key literature references and sources for data used to compile the SDS	US CFR 1910.1200
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