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| 1.1 1 | Product Identifier |
|--------|--|
| 1.1.1 | Trade name/designation: |
| | Valve Regulated Lead Battery |
| 1.2 | Relevant identified uses of the substance or mixture and uses advised against: |
| 1.2.1 | Relevant identified uses: |
| | Power sport batteries |
| | General Purpose |
| | Deep Cycle |
| | Medical Equipment |
| | Standby Applications |
| | SLI |
| 1.2.2 | Uses advised against: |
| | Any other not listed above |
| 1.3 I | Details of the supplier |
| | Manufactured for: |
| | Universal Power Group, Inc. |
| | 488 S Royal Lane |
| | Coppell, TX 75019 |
| | 469-892-1122 |
| | www.upgi.com |
| 1.4 Em | ergency Telephone Number: |
| | US: 1-800-535-5053 |
| | Countries outside of US: +1-352-323-5000 |

Section 2: Hazards identification

Material is an article. No health effects are expected during normal use of this product as sold. Hazardous exposure may occur when the product is heated, oxidized or otherwise processed, damaged or subjected to misuse. Follow manufacturer's instructions for installation, service and use.

- 2.1 Classification of the substance or mixture:
- 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP/GHS] 8B: Non flammable corrosive materials
- 2.1.2 Classification according to 67/548/EEC or 1999/45/EC Xi: Irritating
- 2.1.3 Classification according to 29 CFR 1910.1200



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- 2.2 Label elements
- 2.2.1 Labeling according to GHS

| Health | Environmental | Physical | | |
|---|---|--|---------------------|--|
| | *** | | | |
| Acute Toxicity (Oral/Dermal/ Inhalation) | Category 4 | Aquatic Chronic 1 | Explosive Chemical, | |
| Skin Corrosion/ Irritation | Category 1A | Aquatic Acute 1 | Division 1.3 | |
| Eye Damage | Category 1 | | | |
| Reproductive | Category 1A | | | |
| Carcinogenicity (lead compounds) | Category 1B | | | |
| Carcinogenicity (arsenic) | Category 1A | | | |
| Carcinogenicity (acid mist) | Category 1A | | | |
| Specific Target Organ Toxicity (repeated exposure) | Category 2 | | | |
| Hazard Statements - DANGER! | | Precautionary Statements | | |
| <u>Normal conditions</u> No health effects are expected. However, irritation c | <u>Normal conditions</u> No health effects are expected. However, irritation or severe burns | | | |
| may cause if contact with internal components. <u>Abnormal conditions</u> (broken case or extreme overch | narging): | Do not eat drink or smoke when using this product. | | |
| Inhalation, may cause respiratory irritation, infertilit | | Keep out of reach of children. | | |
| Skin Contact with sulfuric acid, may cause skin irritat | | Keep container tightly closed. | | |
| Eye contact, may cause irritation if eye exposed to a mist/dust. | | Avoid heat, sparks, and open flame while charging batteries. | | |
| Ingestion, may cause abdominal pain, nausea, vomit severe cramping and cancer. Effect of chronic lead exposure: central nervous syst | Avoid breathing dust/fume/mist/gas/vapors/spray. | | | |
| damage, kidney dysfunction, anemia, neuropathy pa | Avoid contact with internal acid. | | | |
| motor nerves with wrist drop, and potential reprodu Effect of sulfuric acid exposure: severe irritation, bu | Wear protective gloves, of face-wares. | clothing, eye-wares, and | | |
| permanent tissue damage to all routes of exposure. exposure may cause erosion of tooth enamel, inflam nose, throat and respiratory system. | Use it only outdoors or ir Wash thoroughly after ha | | | |



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| | cription of the | e mixture: | | | | | |
|---|-------------------------------|---|--|---|--------------------------------|--------------------------------|------------------------------------|
| CAS No | EC No | % [weight] | Name | CAS No | EC No | % [weight] | Name |
| 7439-92-1 | 231-100-4 | 63-78% | Lead | 9003-56-9 | 920-401-2 | 5.789% | ABS Resin |
| | | | | 65597-17-3 | | 4% | Woven Fiberglass Fabric |
| 7664-93-9 | 231-639-5 | 10-30% | Sulfuric Acid | | | · | |
| 7440-36-0 | 231-146-5 | 0.2% | Antimony | | | | |
| 7440-31-5 | 231-141-8 | 0.006% | Tin | | | | |
| 7440-38-2 | 231-148-6 | 0.003% | Arsenic | | | | |
| 7440-70-2 | 231-179-5 | 0.002% | Calcium | | | | |
| omopolyme olymer with yrene polyi | r (9003-07-0) 1,3-butadien | ; Polystyrene e and styrene butadine (Kra | ticle. Case materia (9003-53-6); Acr (9003-56-9); Styr (9003-55-8); | ylonitrile, polymer ene polymer with | r with styrene 1,3-butadien | e (9003-54-7) e and styrene |); Acrylonitrile e (9003-56-9); |
| | | | Section 4. Fir | st Aid Measur | 'es | | |

First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If contact with material occurs flush eyes with water. Get medical attention.

4.1.2 Inhalation:

First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, move person to fresh air. Administer oxygen if breathing is difficult. Get medical attention.

4.1.3 Skin contact:

First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If exposure to electrolyte (sulfuric acid) occurs, flush with large quantities of water for 15 minutes. Immediately remove contaminated clothing and shoes. If exposure to lead component occurs, wash contaminated skin with plenty of soap and water.

4.1.4 Ingestion:

First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If electrolyte (sulfuric acid) portion of battery is ingested give large quantities of water DO NOT induce vomiting, Get medical attention immediately. If lead portion of battery is ingested get medical attention immediately.



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4.1.5 Self-protection of the first aider: If artificial respiration is required use a pocket mask equipped with a one-way valve or other proper respiratory medical device.

Section 5: Firefighting measures

| | beetion by Thenghing measures |
|-------|--|
| 5.1 | Extinguishing media: |
| 5.1.1 | Suitable extinguishing media: |
| | CO2, dry chemical or foam |
| 5.1.2 | Unsuitable extinguishing media: |
| | Avoid using water |
| 5.2 | Special hazards arising from the substance or mixture. |
| 5.2.1 | Hazardous combustion products: |
| | Lead portion of battery will likely produce toxic metal fume, vapor or dust. |
| 5.3 | Advice for fire-fighters: |
| | If batteries are on charge, shut off power. Do not allow metallic materials to simultaneously contact |
| | negative and positive terminals of cells and batteries. |
| | Wear a positive pressure self-contained breathing apparatus (SCBA). Structural fire fighters' protective |
| | clothing will only provide limited protection. |
| 5.4 | Additional information: |

5.4 Additional information: Highly flammable hydrogen gas is generated during charging and operation of batteries. Water applied to electrolyte generates heat and causes it to splatter.

| | Section 6: Accidental release measures |
|-------|--|
| 6.1 | Personal precautions, protective equipment and emergency procedures |
| 6.1.1 | For non-emergency personnel: |
| | Protective equipment: |
| | Wear chemical gloves |
| 6.1.2 | For emergency responders |
| | Personal protective equipment: |
| | Wear chemical gloves, goggles, acid resistant clothing and boots, respirator if insufficient |
| | ventilation. |
| 6.2 | Environmental precautions: |
| | Prevent entry into waterways, sewers, basements 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: |
| 6.3.1 | For containment: |
| | In the event of a battery rupturing; stop the leak if you can do it without risk. Absorb with earth, sand or |
| | other non-combustible material. Cautiously neutralize spilled liquid. |
| 6.3.2 | For cleaning up: |
| | Dispose of in accordance with local, State, and national regulations. |



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| | | Secti | ion 7: Handli | ng and storag | ge | | | |
|-------|---|-------------------------|--------------------|---------------------|------------------------|--|--|--|
| 7.1 | Precautions for | r safe handling | | | | | | |
| 7.1.1 | Protective measures: | | | | | | | |
| | Handle batteries cautiously. Do not tip to avoid spills (if filled with electrolyte). Avoid contact with internal | | | | | | | |
| | components. Wear protective clothing when filling or handling batteries. Follow manufacturer's | | | | | | | |
| | instructions for | r installation and serv | ice. Do not allow | conductive mat | erial to touch the bat | tery terminals. | | |
| | Short circuit m | nay occur and cause b | attery failure and | l fire. | | | | |
| 7.1.2 | Advice on gen | eral occupational hyg | giene: | | | | | |
| | | hly with soap and wa | | | | | | |
| | | ons and safety shower | | | ted water supply. Ha | ndle in | | |
| | | th good industrial hyg | | | | | | |
| 7.2 | | safe storage, includir | | bilities: | | | | |
| | | sures and storage con | | | | | | |
| | | /low-temperature, we | | | | | | |
| | | ed under roof for prot | | | | | | |
| | | ed batteries to avoid o | lamage and short | circuits. Store b | atteries on an imperv | vious surface. | | |
| | Storage class: | | | | | | | |
| | Class 8B: Non | -flammable corrosive | materials | | | | | |
| | | | | | | | | |
| | | Section 8: Ex | posure contr | ols/personal] | protection | | | |
| 8.1 | Control param | eters | | | | | | |
| 8.1.1 | Occupational e | exposure limits: | | | | | | |
| | | P to the second | | | | | | |
| т. | Limit value type Substance | | | | | Monitoring and | | |
| | | Substance name | EC-No. | CAS-No | Limit value | Monitoring and observation | | |
| | nit value type ntry of origin) | | EC-No. | CAS-No | Limit value | Monitoring and observation processes | | |
| (cou | | | EC-No. | CAS-No 7440-31-5 | Limit value | observation | | |

| | | | | | processes |
|-----------------|---------------|-----------|-----------|-----------|-------------------|
| TWA(ACGIH USA) | Tin | 231-141-8 | 7440-31-5 | 2 mg/m3 | |
| TWA (CA) | | | | 2 mg/m3 | |
| TWA (FI) | | | | 2 mg/m3 | |
| STEL(ME) | | | | 4 mg/m3 | |
| TWA (ME) | | | | 2 mg/m3 | |
| TWA (NIOSH USA) | | | | 2 mg/m3 | |
| STEL (CH) | Antimony | 231-146-5 | 7440-36-0 | 1.5 mg/m3 | |
| TWA (CH) | | | | 0.5 mg/m3 | |
| TWA (ACGIH USA) | | | | 0.5 mg/m3 | |
| TWA (CA) | | | | 0.5 mg/m3 | |
| TWA (FI) | | | | 0.5 mg/m3 | |
| TWA (JP) | | | | 0.1 mg/m3 | |
| TWA(ME) | | | | 0.5 mg/m3 | |
| TWA(NIOSH USA) | | | | 0.5 mg/m3 | |
| TWA (OSHA USA) | | | | 0.5 mg/m3 | |
| TWA (ACGIH) | Sulfuric Acid | 231-639-5 | 7664-93-9 | 0.2 mg/m3 | Thoracic fraction |
| TWA (CA ON) | | | | 0.2 mg/m3 | Thoracic |
| STEL(CA QU) | | | | 3 mg/m3 1 | |
| TWA(CA QU) | | | | mg/m3 2 | |
| STEL (CH) | | | | mg/m3 1 | |
| TWA(CH) | | | | mg/m3 1 | |
| STEL(FI) | | | | mg/m3 | |
| TWA(FI) | | | | 0.2 mg/m3 | |



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| Ceiling(DE) MAK(DE) Ceiling(JP) TWA(ME) TWA(NIOSH) TWA(OSHA) | | | | 0.1 mg/m3 peak 0.1 mg/m3 1 mg/m3 1 mg/m3 1 mg/m3 1 mg/m3 | Inhalable fraction Inhalable fraction |
|---|------|-----------|-----------|---|--|
| TWA (ACGIH) TWA(CA ON) TWA(CA QU) STEL(CH) TWA(CH) TWA(FI) Biological Limit Value | Lead | 231-100-4 | 7439-92-1 | 0.05 mg/m3 0.05 mg/m3 0.05 mg/m3 0.15 (0.09) mg/m3 0.05(0.03)mg/m3 0.1 mg/m3 | Designated substance regulation Dust (fume) Dust (fume) Dust |
| (FI) TWA(JP) TWA(ME) TWA(NIOSH) TWA(OSHA) | | | | 1.4 umol/L 0.1 mg/m3 0.15 mg/m3 0.05 mg/m3 50 ug/m3 | As Pb, dust and fume |

- 8.2 Exposure controls:
- 8.2.1 Appropriate engineering controls: Store and charge in a well-ventilated area. General dilution ventilation is acceptable.
- 8.2.2 Personal protective equipment:
- 8.2.2.1 Pictograms:



8.2.2.2 Eye/Face protection:

Wear protective eyewear (goggles, face shield or safety glasses with side shields).

- 8.2.2.3 Skin protection:
 - Wear protective gloves.

No skin protection is ordinarily required under normal conditions of use. In accordance with industrial hygiene practices. If contact with leaking battery is expected, precautions should be taken to avoid skin contact. Under severe exposure or emergency conditions, wear acid resistant clothing and boots.

8.2.2.4 Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

9.1.1 Appearance Physical state: Solid Color: Clear (electrolyte) Oder: Oder

Physical state: Solid Color: Clear (electrolyte) Odor: Odorless Odor threshold: No Data

9.1.2 Safety relevant basic data pH (20 °C): No Data Melting point/range (°C): No Data Initial boiling point/range (°C): 95-95.555 Decomposition temperature (°C): No Data Flash point (°C): No Data



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Evaporation rate: Not applicable Lower explosive limit: 4.1% (Hydrogen) Upper explosive limit: 74.2% (Hydrogen) Ignition temperature (°C): No Data. Vapor pressure (hPa): 10 mmHg. Vapor density (air = 1): 1 Density (g/cm3)at °C: 75.8523-84.2803 lbs/ft3. Bulk density (kg/m3): No Data. Water solubility (20°C in g/l): 100% Solubility(ies): No Data. Partition coefficient: No Data. N-Octanol/Water (log Po/w): No Data. Viscosity, dynamic (mPa s): No Data. 9.1.3 Physical hazards: Flammable gases. Metal corrosion. 9.2 Other safety information: Properties of explosive atmospheres (mixtures): Gases and vapors: No Data. Dusts: No Data. Physical chemical properties of nanoparticles: No Data. Limiting oxygen concentration: No Data. Bulk density: No Data. Solubility in different media: No Data. Stability in organic solvents and identity of relevant degradation products: No Data. Evaporation rate: No Data. Conductivity: No Data. Surface tension: No Data. Dissociation constant in water (pKa): No Data. Oxidation-reduction Potential: No Data. Fat solubility (solvent – oil to be specified): No Data. Critical temperature: No Data.



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| | Section 10: Stability and reactivity | | | | |
|------|--|--|--|--|--|
| 10.1 | Reactivity: | | | | |
| | Not reactive | | | | |
| 10.2 | Chemical stability: | | | | |
| | Stable under normal temperatures and pressures. | | | | |
| 10.3 | Possibility of hazardous reactions: | | | | |
| | Hazardous polymerization will not occur. | | | | |
| 10.4 | Conditions to avoid: | | | | |
| | Prolonged overcharge, sources of ignition. | | | | |
| 10.5 | Incompatible materials: | | | | |
| | Sulfuric acid: Contact with combustible and organic materials may cause fire and explosion. Also reacts | | | | |
| | violently with strong reducing agents, metals, sulfur trioxide, strong oxidizers and water. Contact with | | | | |
| | metals may product toxic sulfur dioxide fumes and may release flammable hydrogen gas. | | | | |
| | Lead compounds: Avoid contact with strong bases, acids, combustible organic materials, halides, | | | | |
| | halogenates, potassium nitrate, permanganate, peroxides, nascent hydrogen, reducing agents and water. | | | | |
| 10.6 | Hazardous decomposition products: | | | | |
| | Lead compounds exposed to high temperatures will likely produce toxic metal fume, vapor or dust; contact | | | | |
| | with strong acid/base or presence of nascent hydrogen may generate highly toxic arsine gas. | | | | |
| | Sulfuric acid: Sulfur trioxide, carbon monoxide, sulfuric acid mist, sulfur dioxide and hydrogen. | | | | |

| Section 11: Toxicological Information | | | | | | | | |
|---------------------------------------|--|------------|----------------------|----------------------------|--|--|--|--|
| 11.1 Information on toxicologica | 11.1 Information on toxicological effects: | | | | | | | |
| | | | | | | | | |
| Lead (7439-92-1) | Effect dose / | Species | Method | Time | | | | |
| Acute oral toxicity | 155 mg/kg | Human | LDLo | | | | | |
| Acute oral toxicity | 1050 ug/kg | Rat | TDLo | 30 Weeks(int.) | | | | |
| Acute inhalative toxicity (dust/mist) | 0.011 mg/m3 | Human | LCLo | 26 Weeks (int.) | | | | |
| Mutagen | 23 ug/m3 | Rat | Inhalation | 16 Weeks | | | | |
| Reproductive | 790 mg/kg | Rat | TDLo (Oral) | | | | | |
| Reproductive | 3 mg/m3 | Rat | TCLo (Inhalation) | 1-21 Days preg. | | | | |
| Sulfuric Acid (7664-93-9) | Effect dose / Concentration | Species | Method | Time | | | | |
| Acute oral toxicity | 2140 mg/kg | Rat | LD50 | | | | | |
| Acute inhalative toxicity (vapor) | 30 mg/m3 | Guinea Pig | LCLo | 7 Days (con.) | | | | |
| Acute inhalative toxicity (vapor) | 510 mg/m3 | Rat | LC50 | 2 Hours | | | | |
| Acute inhalative toxicity (vapor) | 3 mg/m3 | Human | LCLo | 24 Weeks | | | | |
| Irritation | 5 mg | Rabbit | SEV (eye) | 30 second rinse | | | | |
| Irritation | 250 ug | Rabbit | SEV (eye) | | | | | |
| Antimony (7440-36-0) | Effect dose / Concentration | Species | Method | Time | | | | |
| Acute oral toxicity | 100 mg/kg | Rat | LD50 | | | | | |
| Acute inhalative toxicity (dust/mist) | 13.5 mg/m3 | Human | LCLo | 4 Hours | | | | |
| Tumorigen/Carcinogen | 50 mg/m3 | Rat | TCLo | 7 hours 52 weeks (int.) | | | | |



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| Arsenic (7440-38-2) | Effect dose / | Species | Method | Time |
|---------------------|---------------|---------|--------|----------------|
| | Concentration | | | |
| Acute oral toxicity | 763 mg/kg | Rat | LD50 | |
| Acute oral toxicity | 5 mg/kg | Rat | LDLo | |
| Mutagen | 0.211 mg/L | Human | Oral | 15 Years |
| Reproductive | 605 ug/kg | Rat | TDLo | 35 weeks preg. |

- 11.2 Other information:
- 11.2.1 Carcinogenic Effects:

The International Agency for Research on Cancer (IARC) has classified "strong inorganic acid mist containing sulfuric acid" as a Category 1 carcinogen, a substance that is carcinogenic to humans. **This classification does not apply to liquid forms of sulfuric acid or sulfuric acid solutions contained within a battery.** Batteries subjected to abusive charging at excessively high currents for prolonged periods without vent caps in place may create a surrounding atmosphere of the offensive strong inorganic acid mist containing sulfuric acid.

| | Carcinogenic Effects | | | | | |
|---------------|----------------------|------------------------------|---|--|--|--|
| CAS IARC NTP | | | | | | |
| Sulfuric acid | 7664-93-9 | Group 1-Carcinogenic | Not established | | | |
| Lead | 7439-92-1 | Group 2A–Probable Carcinogen | Reasonably anticipated to be human carcinogen | | | |

- 11.2.2 Routes of exposure:
- 11.2.2.1 In case of ingestion:

Acute (Immediate): Under normal conditions of use, no health effects are expected. Lead ingestion may cause abdominal pain, nausea, vomiting, diarrhea and severe cramping.

Chronic (Delayed): No data available

11.2.2.2 In case of skin contact:

Acute (Immediate): Under normal conditions of use, no health effects are expected.

Chronic (Delayed): No data available

11.2.2.3 In case of inhalation:

Acute (Immediate): Under normal conditions of use, no health effects are expected. Contents of an open battery can cause respiratory irritation.

Chronic (Delayed): Repeated and prolonged exposure may cause irritation.

11.2.2.4 In case of eye contact:

Acute (Immediate): Under normal conditions of use, no health effects are expected. Exposure to dust may cause irritation.

Chronic (Delayed): No data available

Section 12: Ecological information

12.1 Toxicity: Aquatic toxicity.

12.1.1 Substances:

Acute (short-term) toxicity: Sulfuric Acid

| Effect dose | Exposure time | Species | Method | Evaluation | Remark |
|-------------|---------------|------------------|--------|------------|--|
| 82 mg/L | 24 Hours | Brachydaniorerio | LC50 | | |
| 22 mg/L | 96 Hours | Cyprinus carpio | LOEC | | Lowest observable effect concentration |

12.2 Environmental fate:

Lead is very persistent in soil and sediments. No data on environmental degradation. Mobility of metallic lead between ecological compartments is slow. Bioaccumulation of lead occurs in aquatic and terrestrial animals and plants but little bioaccumulation occurs through the food chain. Most stdfies include lead compounds and not elemental lead.



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| | Section 13: Disposal considerations |
|--------|---|
| 13.1 | Waste treatment methods: |
| 13.1.1 | Product/packaging disposal: |
| | Dispose of content and/or container in accordance with local, regional, national, and/or international |
| 10.1.0 | regulations. |
| 13.1.2 | Waste codes/waste designations according to EWC/AVV: |
| 12.0 | |
| 13.2 | Additional information: |
| | Any waste marked with an asterisk (*) is considered as a hazardous waste pursuant to Directive |
| | 91/689/EEC on hazardous waste, and subject to the provisions of that Directive unless Article 1(5) of that |
| | Directive applies. |
| | |
| | Section 14: Transport Information |
| 14.1 | Land transport (CFR 49: DOT) |
| | These batteries have been tested and meet the non-spillable criteria listed in 49 CFR 173.159(f) (1) and (2). |
| | Non-spillable batteries are excepted from the packaging requirement of 49 CFR 173.159a provided that the |
| | following criteria are met. |
| | 1.) The batteries must be protected against short circuits and securely packaged. |
| | 2.) The batteries and their outer packaging must be plainly and durably marked "NON-SPILLABLE" or |
| | "NONSPILLABLE BATTERY". |
| | |
| | UN-No: UN2800 |
| | Proper shipping name: Batteries, wet, non-spillable. |
| | Class(es): 8 |
| | Hazard label(s): 8 |
| | Special provision(s)/Exceptions: 159a |
| 14.2 | Land transport (ADR/RID/GGVSEB): |
| | Non-spillable batteries are not subject to the requirements of ADR if, at a temperature of 55C, the |
| | electrolyte will not flow from a ruptured or cracked case and there is no free liquid to flow and if, as |
| | packaged for carriage, the terminals are protected from short circuit. |
| | UN-No: UN2800 |
| | Proper shipping name: Batteries, Wet, Not-Spillable. |
| | Class(es): 8 |
| | Classification Code: C11 |
| | Hazard label(s):8 |
| | Special provision(s):238, 295, 598 |



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14.3 Land transport (TDG):

These batteries have been tested and meet the non-spillable criteria. Non-spillable batteries are excepted provided that the following criteria are met:

- 1.) The batteries must be protected against short circuits and securely packaged.
- 2.) The batteries and their outer packaging must be plainly and durably marked "NON-SPILLABLE" or "NON SPILLABLE BATTERY."

UN-No: UN2800 Proper shipping name: Batteries, Wet, Non-Spillable. Class(es): 8 Hazard label(s): 8 Special provision(s): 39

14.4 Sea transport (IMDG-Code/GGVSee):

These batteries have been tested and meet the non-spillable criteria listed in IMDG Code Special Provision 238.1 and .2; therefore, are not subject to the provisions of the IMDG Code provided that the battery terminals are protected against short circuits when packaged for transport. UN No: UN2800 Proper shipping name: Batteries, Wet, Non-Spillable. Class(es): 8 Marine Pollutant: No Special provision(s): 29, 238

14.5 Air transport (ICAO-IATA/DGR):

Universal Power Group, Inc. VRLA batteries have been tested and meet the non-spillable criteria listed in IATA Packing Instruction 872 and Special Provision A67. These batteries are excepted from all IATA regulations provided that the battery terminals are protected against short circuits. The words "Not Restricted, as per Special Provision A67" must be included in the description on the Air Waybill. UN No: UN2800
Proper shipping name: Batteries, Wet, Non-Spillable. Class(es): 8
Special provision(s): A48, A67, A164, A183

Section 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the mixture:

15.1.1 National regulations(Canada):

WHMIS Classification:

Class E: Corrosive materials present at greater than 1%

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the Controlled Products Regulations.

Canada DSL:

The following substances are listed on the Canadian DSL:

Lead (7439-92-1); Sulfuric Acid (7664-93-9); Antimony (7440-36-0); Tin (7440-31-5); Arsenic (7440-38-2); Calcium (7440-70-2)

Canada NDSL:

None of the components on this SDS are listed on the Canadian NDSL:



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WHMIS:

| Ingredient Disclosure List | | | | | |
|----------------------------|-----------|--------|--------------------|--|--|
| Substance | CAS No. | Wt % | Disclosure Limit % | | |
| Calcium | 7440-70-2 | 0.002% | Not Listed | | |
| Sulfuric Acid | 7664-93-9 | 10-30% | 1% | | |
| Lead | 7439-92-1 | 63-78% | 0.1% | | |
| Lead as Lead compounds | | 63-78% | Not Listed | | |
| Lead as Lead, inorganic | | 63-78% | 1% | | |
| compounds | | | | | |
| Tin | 7440-31-5 | 0.006% | 1% | | |
| Antimony | 7440-36-0 | 0.2 % | 1% | | |
| Antimony as Antimony | | 0.2% | 1% | | |
| compounds | | | | | |
| Arsenic | 7440-38-2 | 0.003% | 0.1% | | |

CEPA:

Priority Substances List

| Substance | CAS No. | Wt % | Status |
|-------------------------|-----------|--------|------------|
| Calcium | 7440-70-2 | 0.002% | Not Listed |
| Sulfuric Acid | 7664-93-9 | 10-30% | Not Listed |
| Lead | 7439-92-1 | 63-78% | Not Listed |
| Lead as Lead compounds | | 63-78% | Not Listed |
| Lead as Lead, inorganic | | 63-78% | Not Listed |
| compounds | | | |
| Tin | 7440-31-5 | 0.006% | Not Listed |
| Antimony | 7440-36-0 | 0.2 % | Not Listed |
| Antimony as Antimony | | 0.2% | Not Listed |
| compounds | | | |
| Arsenic | 7440-38-2 | 0.003% | Not Listed |

15.1.2 National regulations(China):

The following components are listed on the Inventory list for China: Lead (7439-92-1); Sulfuric Acid (7664-93-9); Antimony (7440-36-0); Tin (7440-31-5); Arsenic (7440-38-2); Calcium (7440-70-2).

15.1.3 National regulations(European Union): Classification: Xi; C Risk Phrases: R35, R36, R38 Safety Phrases: S1/2, S26, S30, S45 The following components are listed on the EU EINECS: Lead (7439-92-1); Sulfuric acid (7664-93-9); Antimony (7440-36-0); Tin (7440-31-5); Arsenic (7440-38-2); Calcium (7440-70-2). None of the above mentioned components are listed on the EU ELNICS.



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| CLP (1272/2008) Concentration Limits | | | | | |
|--------------------------------------|-----------|-------|--|--|--|
| Substance | CAS | WT % | Concentration Limit | | |
| Calcium | 7440-70-2 | 0.002 | Not Listed | | |
| Sulfuric Acid | 7664-93-9 | 10-30 | 15%<=C: C; R35 5%<=C<15%: Xi; R36/38 | | |
| Lead | 7439-92-1 | 63-78 | Not Listed | | |
| Lead as Lead compounds | | 63-78 | 2.5%<=C: Repr. Cat. 3; R62 1%<=C: Xn; R20/22 | | |
| | | | 0.5%<=C: R33 | | |
| Lead as Lead, inorganic | | 63-78 | Not Listed | | |
| compounds | | | | | |
| Tin | 7440-31-5 | 0.006 | Not Listed | | |
| Antimony | 7440-36-0 | 0.2 | Not Listed | | |
| Antimony as Antimony | | 0.2 | 0.25%<=C: Xn; R20/22 | | |
| compounds | | | | | |
| Arsenic | 7440-38-2 | 0.003 | Not Listed | | |

| Substance | CAS | WT % | Substances and Preparations |
|-----------------------------------|-----------|-------|---|
| Calcium | 7440-70-2 | 0.002 | Not Listed |
| Sulfuric Acid | 7664-93-9 | 10-30 | В |
| Lead | 7439-92-1 | 63-78 | Not Listed |
| Lead as Lead compounds | | 63-78 | A, E, 1(except those specified elsewhere in the annex) |
| Lead as Lead, inorganic compounds | | 63-78 | Not Listed |
| Tin | 7440-31-5 | 0.006 | Not Listed |
| Antimony | 7440-36-0 | 0.2 | Not Listed |
| Antimony as Antimony compounds | | 0.2 | A, 1 (except tetroxide, pentoxide, trisulphide, pentasulphide and |
| | | | those specified elsewhere in the annex) |
| Arsenic | 7440-38-2 | 0.003 | Not Listed |

Germany

Lead Restrictions:

Lead concentration in the blood above 300 μ g/L in male employees and 100 μ g/L in female employees requires additional training for personal hygiene and vigilance. Lead concentration in the blood above 350 μ g/L in male employees and 200 μ g/L in female employees requires additional training for personal hygiene and vigilance; Lead concentration in the blood above 400 μ g/L in male employees and 300 μ g/L in female employees requires additional training for personal hygiene and vigilance; See TRGS 505 for detailed regulations regarding lead and lead compounds.

Employment restrictions for employees below the age of 18 years; Employment restrictions for pregnant or breastfeeding women; Prohibited for use at home based workplaces; Restrictions apply for use of lead compounds in packaging material, drinking water systems, cars, electrical and electronical devices; See TRGS 505 for detailed regulations regarding lead and lead compounds.



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| Emission Limits for | Inorganic Dus | ts | |
|-----------------------------------|---------------|-------|---|
| Substance | CAS | WT % | Emission Limit |
| Calcium | 7440-70-2 | 0.002 | Not Listed |
| Sulfuric Acid | 7664-93-9 | 10-30 | Not Listed |
| Lead | 7439-92-1 | 63-78 | 2.5 g/h Mass flow (class II); 0.5 mg/m3 mass concentration (Class II) |
| Lead as Lead compounds | | 63-78 | 2.5 m/h Mass flow (Class II, as Pb); 0.5 mg/m3 |
| | | | Mass concentration (Class II, as Pb) |
| Lead as Lead, inorganic compounds | | 63-78 | Not Listed |
| Tin | 7440-31-5 | 0.006 | 5 g/h Mass flow (Class III); 1 mg/m3 Mass |
| | | | concentration (Class III) |
| Antimony | 7440-36-0 | 0.2 | 5 g/h Mass flow (Class III); 1 mg/m3 Mass |
| | | | concentration (Class III) |
| Antimony as Antimony compounds | | 0.2 | 5 g/h Mass flow (Class III, as Sb); 1 mg/m3 Mass |
| | | | concentration (Class III, as Sb) |
| Arsenic | 7440-38-2 | 0.003 | Not Listed |

15.1.4 National regulations(Japan):

The following chemicals are on the Japanese ENCS:

Lead (7439-92-1); Sulfuric Acid (7664-93-9); Antimony (7440-36-0); Tin (7440-31-5); Arsenic (7440-38-2); Calcium (7440-70-2).

| ISHL Harmiti substances whose names are to be indicated on the raber. | | | | |
|---|-----------|-------|-------------|--|
| Substance | CAS | WT % | Limit | |
| Calcium | 7440-70-2 | 0.002 | Not Listed | |
| Sulfuric Acid | 7664-93-9 | 10-30 | Not Listed | |
| Lead | 7439-92-1 | 63-78 | 0.1% weight | |
| Lead as Lead compounds | | 63-78 | 0.1% weight | |
| Lead as Lead, inorganic compounds | | 63-78 | Not Listed | |
| Tin | 7440-31-5 | 0.006 | Not Listed | |
| Antimony | 7440-36-0 | 0.2 | Not Listed | |
| Antimony as Antimony compounds | | 0.2 | Not Listed | |
| Arsenic | 7440-38-2 | 0.003 | 0.1% weight | |

ISHL Harmful substances whose names are to be indicated on the label:

ISHL Prevention of Lead Poisoning:

| Substance | CAS | WT % | Status |
|-----------------------------------|-----------|-------|------------|
| Calcium | 7440-70-2 | 0.002 | Not Listed |
| Sulfuric Acid | 7664-93-9 | 10-30 | Not Listed |
| Lead | 7439-92-1 | 63-78 | Not Listed |
| Lead as Lead compounds | | 63-78 | Not Listed |
| Lead as Lead, inorganic compounds | | 63-78 | Not Listed |
| Tin | 7440-31-5 | 0.006 | Not Listed |
| Antimony | 7440-36-0 | 0.2 | Not Listed |
| Antimony as Antimony compounds | | 0.2 | Not Listed |
| Arsenic | 7440-38-2 | 0.003 | Not Listed |



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| ISHL Notifiable Substances: | | | |
|-----------------------------------|-----------|-------|-------------|
| Substance | CAS | WT % | Limit |
| Calcium | 7440-70-2 | 0.002 | Not Listed |
| Sulfuric Acid | 7664-93-9 | 10-30 | 1% weight |
| Lead | 7439-92-1 | 63-78 | 0.1% weight |
| Lead as Lead compounds | | 63-78 | Not Listed |
| Lead as Lead, inorganic compounds | | 63-78 | 0.1% weight |
| Tin | 7440-31-5 | 0.006 | 0.1% weight |
| Antimony | 7440-36-0 | 0.2 | 0.1% weight |
| Antimony as Antimony compounds | | 0.2 | 0.1% weight |
| Arsenic | 7440-38-2 | 0.003 | 0.1% weight |

Air Pollution Control Law: Emission Standards for Air Pollutants:

| Substance | CAS | WT % | Emission Limit |
|-----------------------------------|-----------|-------|----------------|
| Calcium | 7440-70-2 | 0.002 | Not Listed |
| Sulfuric Acid | 7664-93-9 | 10-30 | Not Listed |
| Lead | 7439-92-1 | 63-78 | 10-30 mg/Nm3 |
| Lead as Lead compounds | | 63-78 | 10-30 mg/Nm3 |
| Lead as Lead, inorganic compounds | | 63-78 | Not Listed |
| Tin | 7440-31-5 | 0.006 | Not Listed |
| Antimony | 7440-36-0 | 0.2 | Not Listed |
| Antimony as Antimony compounds | | 0.2 | Not Listed |
| Arsenic | 7440-38-2 | 0.003 | Not Listed |

Pollutant Release Transfer Register (PRTR): Class 1 Substances:

| Substance | CAS | WT % | Status |
|-----------------------------------|-----------|-------|------------------------------------|
| Calcium | 7440-70-2 | 0.002 | Not Listed |
| Sulfuric Acid | 7664-93-9 | 10-30 | Not Listed |
| Lead | 7439-92-1 | 63-78 | 304 |
| Lead as Lead compounds | | 63-78 | 305 (Designated class 1 substance) |
| Lead as Lead, inorganic compounds | | 63-78 | Not Listed |
| Tin | 7440-31-5 | 0.006 | Not Listed |
| Antimony | 7440-36-0 | 0.2 | 31 |
| Antimony as Antimony compounds | | 0.2 | 31 |
| Arsenic | 7440-38-2 | 0.003 | 332 (Designated class 1 substance) |

ISHL Working Environment Evaluation Standards: Administrative Control Levels:

| Substance | CAS | WT % | Limit |
|-----------------------------------|-----------|-------|------------------------|
| Calcium | 7440-70-2 | 0.002 | Not Listed |
| Sulfuric Acid | 7664-93-9 | 10-30 | Not Listed |
| Lead | 7439-92-1 | 63-78 | 0.05 mg/m3 ACL |
| Lead as Lead compounds | | 63-78 | 0.05 mg/m3 ACL (as Pb) |
| Lead as Lead, inorganic compounds | | 63-78 | Not Listed |
| Tin | 7440-31-5 | 0.006 | Not Listed |
| Antimony | 7440-36-0 | 0.2 | Not Listed |
| Antimony as Antimony compounds | | 0.2 | Not Listed |
| Arsenic | 7440-38-2 | 0.003 | 0.003 mg/m3 ACL |



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15.1.5 National regulations(Korea):

The following substances are listed on the Korean KECL:

- Lead (7439-92-1); Sulfuric Acid (7664-93-9); Antimony (7440-36-0); Tin (7440-31-5); Arsenic (7440-38-2); Calcium (7440-70-2)
- 15.1.6 National regulations(Mexico):

Pollutant Release and Transfer Register: Reporting Emissions:

| Substance | CAS | WT % | Threshold Quantities |
|-----------------------------------|-----------|-------|----------------------|
| Calcium | 7440-70-2 | 0.002 | Not Listed |
| Sulfuric Acid | 7664-93-9 | 10-30 | Not Listed |
| Lead | 7439-92-1 | 63-78 | Not Listed |
| Lead as Lead compounds | | 63-78 | 1 kg/yr TQ |
| Lead as Lead, inorganic compounds | | 63-78 | Not Listed |
| Tin | 7440-31-5 | 0.006 | Not Listed |
| Antimony | 7440-36-0 | 0.2 | Not Listed |
| Antimony as Antimony compounds | | 0.2 | Not Listed |
| Arsenic | 7440-38-2 | 0.003 | 1 kg/yr TQ |

15.1.7 National regulations(United States):

The following substances are on the MA, NJ, and PA Right To Know Lists: Lead (7439-92-1); Sulfuric Acid (7664-93-9); Antimony (7440-36-0); Tin (7440-31-5); Arsenic (7440-38-2); Calcium (7440-70-2).

The following substances are on the TSCA inventory:

Lead (7439-92-1); Sulfuric Acid (7664-93-9); Antimony (7440-36-0); Tin (7440-31-5); Arsenic (7440-38-2); Calcium (7440-70-2).

| Substance | CAS | WT % | Limit |
|-----------------------------------|-----------|-------|---|
| Calcium | 7440-70-2 | 0.002 | Not Listed |
| Sulfuric Acid | 7664-93-9 | 10-30 | Not Listed |
| Lead | 7439-92-1 | 63-78 | 30 µg/m3 Action Level (Poison, See 29 CFR |
| | | | 1910.1025); 50 µg/m3 TWA |
| Lead as Lead compounds | | 63-78 | Not Listed |
| Lead as Lead, inorganic compounds | | 63-78 | 30 µg/m3 Action Level (Poison, See 29 CFR |
| | | | 1910.1025, as Pb); 50 µg/m3 TWA (as Pb) |
| Tin | 7440-31-5 | 0.006 | Not Listed |
| Antimony | 7440-36-0 | 0.2 | Not Listed |
| Antimony as Antimony compounds | | 0.2 | Not Listed |
| Arsenic | 7440-38-2 | 0.003 | Not Listed |



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| CAA: 1990 Hazardous Air Pollutants: | | | | |
|-------------------------------------|-----------|-------|--|--|
| Substance | CAS | WT % | Limit | |
| Calcium | 7440-70-2 | 0.002 | Not Listed | |
| Sulfuric Acid | 7664-93-9 | 10-30 | Not Listed | |
| Lead | 7439-92-1 | 63-78 | Not Listed | |
| Lead as Lead compounds | | 63-78 | (includes any unique chemical substance that | |
| | | | contains Lead as part of its infrastructure) | |
| Lead as Lead, inorganic compounds | | 63-78 | Not Listed | |
| Tin | 7440-31-5 | 0.006 | Not Listed | |
| Antimony | 7440-36-0 | 0.2 | Not Listed | |
| Antimony as Antimony compounds | | 0.2 | (includes any unique chemical substance that | |
| | | | contains Antimony as part of its infrastructure) | |
| Arsenic | 7440-38-2 | 0.003 | Not Listed | |

CERCLA/SARA

Hazardous Substances and Their Reportable Quantities:

| Substance | CAS | WT % | Reportable Quantity |
|-----------------------------------|-----------|-------|---|
| | | | |
| Calcium | 7440-70-2 | 0.002 | Not Listed |
| Sulfuric Acid | 7664-93-9 | 10-30 | 1000 lb final RQ; 454 kg final RQ |
| Lead | 7439-92-1 | 63-78 | 10 lb final RQ (no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is larger than 100 micrometers); 4.54 kg final RQ (no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is larger than 100 micrometers) |
| Lead as Lead compounds | | 63-78 | Not Listed |
| Lead as Lead, inorganic compounds | | 63-78 | Not Listed |
| Tin | 7440-31-5 | 0.006 | Not Listed |
| Antimony | 7440-36-0 | 0.2 | 5000 lb final RQ (no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is larger than 100 micrometers); 2270 kg final RQ (no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is larger than 100 micrometers) |
| Antimony as Antimony compounds | | 0.2 | Not Listed |
| Arsenic | 7440-38-2 | 0.003 | 1 lb final RQ (no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is larger than 100 micrometers); 0.454 kg final RQ (no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is larger than 100 micrometers) |



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| Substance | CAS | WT % | Reportable Quantity |
|-----------------------------------|-----------|-------|---------------------|
| Calcium | 7440-70-2 | 0.002 | Not Listed |
| Sulfuric Acid | 7664-93-9 | 10-30 | 1000 lb EPCRA RQ |
| Lead | 7439-92-1 | 63-78 | Not Listed |
| Lead as Lead compounds | | 63-78 | Not Listed |
| Lead as Lead, inorganic compounds | | 63-78 | Not Listed |
| Tin | 7440-31-5 | 0.006 | Not Listed |
| Antimony | 7440-36-0 | 0.2 | Not Listed |
| Antimony as Antimony compounds | | 0.2 | Not Listed |
| Arsenic | 7440-38-2 | 0.003 | Not Listed |

Section 302 Extremely Hazardous Substances TPQs:

| Substance | CAS | WT % | Threshold Planning Quantity |
|-----------------------------------|-----------|-------|-----------------------------|
| Calcium | 7440-70-2 | 0.002 | Not Listed |
| Sulfuric Acid | 7664-93-9 | 10-30 | 1000 lb TPQ |
| Lead | 7439-92-1 | 63-78 | Not Listed |
| Lead as Lead compounds | | 63-78 | Not Listed |
| Lead as Lead, inorganic compounds | | 63-78 | Not Listed |
| Tin | 7440-31-5 | 0.006 | Not Listed |
| Antimony | 7440-36-0 | 0.2 | Not Listed |
| Antimony as Antimony compounds | | 0.2 | Not Listed |
| Arsenic | 7440-38-2 | 0.003 | Not Listed |

RCRA

Basis for Listing: Appendix VII:

| Substance | CAS | WT % | Basis |
|-----------------------------------|-----------|-------|--|
| | | | |
| Calcium | 7440-70-2 | 0.002 | Not Listed |
| Sulfuric Acid | 7664-93-9 | 10-30 | Not Listed |
| Lead | 7439-92-1 | 63-78 | Included in waste streams: F035, F037, F038, F039, K002, K003, K005, K046, K048, K049, K051, K052, K061, K062, |
| | | | K005, K005, K040, K048, K049, K051, K052, K061, K062, K064, K065, K066, K069, K086, K100, K176 |
| Lead as Lead compounds | | 63-78 | Not Listed |
| Lead as Lead, inorganic compounds | | 63-78 | Not Listed |
| Tin | 7440-31-5 | 0.006 | Not Listed |
| Antimony | 7440-36-0 | 0.2 | Included in waste streams: F039, K021, K161, K177 |
| Antimony as Antimony compounds | | 0.2 | Not Listed |
| Arsenic | 7440-38-2 | 0.003 | Included in waste streams: F032, F034, F035, F039, K031, K060, K084, K101, K102, K161, K171, K172, K176 |



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D Series Wastes: Max Concentration of Contaminants for the Toxic Characteristic:

| Substance | CAS | WT % | Regulatory Level |
|-----------------------------------|-----------|-------|------------------|
| Calcium | 7440-70-2 | 0.002 | Not Listed |
| Sulfuric Acid | 7664-93-9 | 10-30 | Not Listed |
| Lead | 7439-92-1 | 63-78 | 5.0 mg/L |
| Lead as Lead compounds | | 63-78 | Not Listed |
| Lead as Lead, inorganic compounds | | 63-78 | Not Listed |
| Tin | 7440-31-5 | 0.006 | Not Listed |
| Antimony | 7440-36-0 | 0.2 | Not Listed |
| Antimony as Antimony compounds | | 0.2 | Not Listed |
| Arsenic | 7440-38-2 | 0.003 | 5.0 mg/L |

Hazardous Constituents: Appendix VIII to 40 CFR 261:

| Substance | CAS | WT % | Status |
|-----------------------------------|-----------|-------|---|
| Calcium | 7440-70-2 | 0.002 | Not Listed |
| Sulfuric Acid | 7664-93-9 | 10-30 | Not Listed |
| Lead | 7439-92-1 | 63-78 | Hazardous constituent – no waste number |
| Lead as Lead compounds | | 63-78 | Hazardous constituent – no waste number |
| Lead as Lead, inorganic compounds | | 63-78 | Not Listed |
| Tin | 7440-31-5 | 0.006 | Not Listed |
| Antimony | 7440-36-0 | 0.2 | Hazardous constituent – no waste number |
| Antimony as Antimony compounds | | 0.2 | Hazardous constituent – no waste number |
| Arsenic | 7440-38-2 | 0.003 | Hazardous constituent – no waste number |

California: California Proposition 65:

| Substance | CAS | WT % | Status |
|-----------------------------------|-----------|-------|---|
| Calcium | 7440-70-2 | 0.002 | Not Listed |
| Sulfuric Acid | 7664-93-9 | 10-30 | Not Listed |
| Lead | 7439-92-1 | 63-78 | Carcinogen(initial date $10/1/92$); developmental toxicity(initial date $2/27/87$); 0.5 µg/day(Maximum Allowable Dose Level); 15 µg/day oral(No Significant Risk Level); female reproductive toxicity(initial date $2/27/87$); male reproductive toxicity(initial date $2/27/87$) |
| Lead as Lead compounds | | 63-78 | Carcinogen(initial date 10/1/92) |
| Lead as Lead, inorganic compounds | | 63-78 | Developmental toxicity(initial date 2/27/87) |
| Tin | 7440-31-5 | 0.006 | Not Listed |
| Antimony | 7440-36-0 | 0.2 | Not Listed |
| Antimony as Antimony compounds | | 0.2 | Not Listed |
| Arsenic | 7440-38-2 | 0.003 | 0.06µg/day inhalation(No Significant Risk Level); 10µg/day except inhalation(No Significant Risk Level) |

Pennsylvania

| rennsyrvania | | | |
|-----------------------------------|-----------|-------|------------------|
| Environmental Haza | rd list: | | |
| Substance | CAS | WT % | Regulatory Level |
| Calcium | 7440-70-2 | 0.002 | Not Listed |
| Sulfuric Acid | 7664-93-9 | 10-30 | |
| Lead | 7439-92-1 | 63-78 | |
| Lead as Lead compounds | | 63-78 | |
| Lead as Lead, inorganic compounds | | 63-78 | Not Listed |



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| Tin | 7440-31-5 | 0.006 | Not Listed |
|--------------------------------|-----------|-------|------------|
| Antimony | 7440-36-0 | 0.2 | |
| Antimony as Antimony compounds | | 0.2 | |
| Arsenic | 7440-38-2 | 0.003 | |

Special hazardous Substances:

| Substance | CAS | WT % | Regulatory Level |
|-----------------------------------|-----------|-------|------------------|
| Calcium | 7440-70-2 | 0.002 | Not Listed |
| Sulfuric Acid | 7664-93-9 | 10-30 | Not Listed |
| Lead | 7439-92-1 | 63-78 | Not Listed |
| Lead as Lead compounds | | 63-78 | Not Listed |
| Lead as Lead, inorganic compounds | | 63-78 | Not Listed |
| Tin | 7440-31-5 | 0.006 | Not Listed |
| Antimony | 7440-36-0 | 0.2 | Not Listed |
| Antimony as Antimony compounds | | 0.2 | Not Listed |
| Arsenic | 7440-38-2 | 0.003 | |

Rhode Island: Hazardous Substances List:

| Substance | CAS | WT % | Regulatory Level |
|-----------------------------------|-----------|-------|-----------------------|
| Calcium | 7440-70-2 | 0.002 | Flammable |
| Sulfuric Acid | 7664-93-9 | 10-30 | Toxic; Flammable |
| Lead | 7439-92-1 | 63-78 | Toxic (dust and fume) |
| Lead as Lead compounds | | 63-78 | Not Listed |
| Lead as Lead, inorganic compounds | | 63-78 | Not Listed |
| Tin | 7440-31-5 | 0.006 | Toxic |
| Antimony | 7440-36-0 | 0.2 | Toxic |
| Antimony as Antimony compounds | | 0.2 | Toxic |
| Arsenic | 7440-38-2 | 0.003 | Toxic; Carcinogen |

Section 16: Other Information

| 16.1 | Relevant R-, H- and EUH-phrases (number and full text): |
|------|--|
| | Hazard Abbreviations: |
| | Xi: Irritant. |
| | Xn: Harmful. |
| | N: Dangerous for the environment. |
| | T: Toxic. |
| | C: Corrosive. |
| | F: Highly Flammable. |
| | Risk Phrases: |
| | R15: Contact with water liberates extremely flammable gases. |
| | R20/22: Harmful by inhalation and if swallowed. |
| | R23/25: Toxic by inhalation and if swallowed. |
| | R33: Danger of cumulative effects. |
| | R35: Causes severe burns. |
| | R36: Irritating to eyes. |
| | R38: Irritating to skin. |
| | R50: Very toxic to aquatic organisms. |
| | R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| | R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment R53: |
| | May cause long-term adverse effects in the aquatic environment. |
| | R61: May cause harm to the unborn child. |
| | |

R62: Possible risk of impaired fertility.



SLA SDS

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Safety Phrases:

S1/2: Keep locked up and out of the reach of children. S2: Keep out of the reach of children. S8: Keep container dry. S20/21: When using do not eat, drink, or smoke. S24/25: Avoid contact with skin and eyes. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28: After contact with skin, wash immediately with plenty of water. S30: Never add water to this product. S43: In case of fire use CO2, dry chemical, or foam. Never use water. S45: In case of accident or if you feel unwell seek medical advice immediately (show the label where possible). S53: Avoid exposure - obtain special instructions before use. S60: This material and its container must be disposed of as hazardous waste. S61: Avoid release to the environment, Refer to special instructions/safety data sheet. Hazard statements: H313: May be harmful in contact with skin. H315: Causes skin irritation. H335: May cause respiratory irritation. EUH201A: Warning! Contains lead. **Precautionary statements:** P102: Keep out of reach of children.

P233: Keep containers tightly closed. P210: Keep away from heat, sparks, and open flame while charging batteries.

16.2 Further information:

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Universal Power Group, Inc. assumes no responsibility for injury to the vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, Universal Power Group, Inc. assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.