MATERIAL SAFETY DATA SHEET
LEAD ACID BATTERY WET, FILLED WITH
ACID
(US, CN, EU Version for International Trade)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Lead Acid Battery Wet, Filled With Acid
OTHER PRODUCT NAMES: Electric Storage Battery, SLI or Industrial Battery, UN2794
MANUFACTURER: East Penn Manufacturing Company, Inc.
DIVISION: Deka Road
ADDRESS: Lyon Station, PA 19536 USA

EMERGENCY TELEPHONE NUMBERS:
US: CHEMTREC 1-800-424-9300
CN: CHEMTREC 1-800-424-9300
Outside US: +1-202-483-7616

NON-EMERGENCY HEALTH/SAFETY INFORMATION:
1-610-682-6361

CHEMICAL FAMILY: This product is a wet lead acid storage battery. May also include gel/absorbed electrolyte type lead acid battery types.

PRODUCT USE: Industrial/Commercial electrical storage batteries.

This product is considered a Hazardous Substance, Preparation or Article that is regulated under US-OSHA; CAN-WHMIS; IOSH: ISO: UK-CHIP; or EU Directives (67/548/EEC-Dangerous Substance Labeling, 98/24/EC-Chemical Agents at Work, 99/45/EC-MSDS Content, and 1907/2006/EC-REACH), and an MSDS/SDS is required for this product considering that when used as recommended or intended, or under ordinary conditions, it may present a health and safety exposure or other hazard.

Additional Information
This product may not be compatible with all environments, such as those containing liquid solvents or extreme temperature or pressure. Please request information if considering use under extreme conditions or use beyond current product labeling.

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification:

<table>
<thead>
<tr>
<th>Health</th>
<th>Environmental</th>
<th>Physical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity – Not listed (NL)</td>
<td>Aquatic Toxicity – NL</td>
<td>NFPA – Flammable gas, hydrogen (during charging)</td>
</tr>
<tr>
<td>Eye Corrosion – Corrosive*</td>
<td></td>
<td>CN - NL</td>
</tr>
<tr>
<td>Skin Corrosion – Corrosive*</td>
<td></td>
<td>EU - NL</td>
</tr>
<tr>
<td>Skin Sensitization – NL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mutagenicity/Carcinogenicity – NL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reproductive/Developmental – NL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Target Organ Toxicity (Repeated) – NL</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*as sulfuric acid

GHS Label: Lead Acid Battery, Wet

Symbols: C (Corrosive)

Hazard Statements
Contact with internal components may cause irritation of severe burns. Irritating to eyes, respiratory system, and skin.

Precautionary Statements
Keep out of reach of children. Keep containers tightly closed. Avoid heat, sparks, and open flame while charging batteries. Avoid contact with internal acid.

EMERGENCY OVERVIEW:
May form explosive air/gas mixture during charging. Contact with internal components may cause irritation or severe burns. Irritating to eyes, respiratory system, and skin.
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Prolonged inhalation or ingestion may result in serious damage to health. Pregnant women exposed to internal components may experience reproductive/developmental effects.

POTENTIAL HEALTH EFFECTS:
EYES: Direct contact of internal electrolyte liquid with eyes may cause severe burns or blindness.
SKIN: Direct contact of internal electrolyte liquid with the skin may cause skin irritation or damaging burns.
INGESTION: Swallowing this product may cause severe burns to the esophagus and digestive tract and harmful or fatal lead poisoning. Lead ingestion may cause nausea, vomiting, weight loss, abdominal spasms, fatigue, and pain in the arms, legs and joints.
INHALATION: Respiratory tract irritation and possible long term effects.

ACUTE HEALTH HAZARDS:
Repeated or prolonged contact may cause mild skin irritation.

CHRONIC HEALTH HAZARDS:
Lead poisoning if persons are exposed to internal components of the batteries. Lead absorption may cause nausea, vomiting, weight loss, abdominal spasms, fatigue, pain in the arms, legs and joints. Other effects may include central nervous system damage, kidney dysfunction, and potential reproductive effects. Chronic inhalation of sulfuric acid mist may increase the risk of lung cancer.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
Respiratory and skin diseases may predispose one to acute and chronic effects of sulfuric acid and/or lead. Children and pregnant women must be protected from lead exposure. Persons with kidney disease may be at increased risk of kidney failure.

Additional Information
No health effects are expected related to normal use of this product as sold.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENTS (Chemical/Common Names):</th>
<th>CAS No.:</th>
<th>% by Wt:</th>
<th>EC No.:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead, inorganic</td>
<td>7439-92-1</td>
<td>43-70 (average: 65)</td>
<td>231-100-4</td>
</tr>
<tr>
<td>Sulfuric acid</td>
<td>7664-93-9</td>
<td>20-44 (average: 25)</td>
<td>231-639-5</td>
</tr>
<tr>
<td>Antimony</td>
<td>7440-36-0</td>
<td>0-4 (average: 1)</td>
<td>231-146-5</td>
</tr>
<tr>
<td>Arsenic</td>
<td>7440-38-2</td>
<td>&lt;0.01</td>
<td>231-148-6</td>
</tr>
<tr>
<td>Polypropylene</td>
<td>9003-07-0</td>
<td>5-10 (average: 8)</td>
<td>NA</td>
</tr>
</tbody>
</table>

Additional Information
These ingredients reflect components of the finished product related to performance of the product as distributed into commerce.

SECTION 4: FIRST AID MEASURES

EYE CONTACT: Flush eyes with large amounts of water for at least 15 minutes. Seek immediate medical attention if eyes have been exposed directly to acid.

SKIN CONTACT: Flush affected area(s) with large amounts of water using deluge emergency shower, if available, shower for at least 15 minutes. Remove contaminated clothing. If symptoms persist, seek medical attention.

INGESTION: If swallowed, give large amounts of water. Do NOT induce vomiting or aspiration into the lungs may occur and can cause permanent injury or death.

INHALATION: If breathing difficulties develop, remove person to fresh air. If symptoms persist, seek medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

SUITEABLE/UNSUITEABLE EXTINGUISHING MEDIA:

East Penn Manufacturing Co., Inc.
**MATERIAL SAFETY DATA SHEET**  
**LEAD ACID BATTERY WET, FILLED WITH ACID**  
(US, CN, EU Version for International Trade)

Dry chemical, carbon dioxide, water, foam. Do not use water on live electrical circuits.

**SPECIAL FIRE FIGHTING PROCEDURES & PROTECTIVE EQUIPMENT:**  
Use appropriate media for surrounding fire. Do not use carbon dioxide directly on cells. Avoid breathing vapors. Use full protective equipment (bunker gear) and self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**  
Batteries evolve flammable hydrogen gas during charging and may increase fire risk in poorly ventilated areas near sparks, excessive heat or open flames.

**SPECIFIC HAZARDS IN CASE OF FIRE:**  
Thermal shock may cause battery case to crack open. Containers may explode when heated.

Additional Information  
Firefighting water runoff and dilution water may be toxic and corrosive and may cause adverse environmental impacts.

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:**  
Avoid Contact with Skin. Neutralize any spilled electrolyte with neutralizing agents, such as soda ash, sodium bicarbonate, or very dilute sodium hydroxide solutions.

**ENVIRONMENTAL PRECAUTIONS:**  
Prevent spilled material from entering sewers and waterways.

**SPILL CONTAINMENT & CLEANUP METHODS/MATERIALS:**  
Add neutralizer/absorbent to spill area. Sweep or shovel spilled material and absorbent and place in approved container. Dispose of any non-recyclable materials in accordance with local, state, provincial or federal regulations.

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**Lead acid batteries and their plastic cases are recyclable.** Contact your East Penn representative for recycling information.

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### SECTION 7: HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING AND STORAGE:**  
- Keep containers tightly closed when not in use.
- If battery case is broken, avoid contact with internal components.
- Do not handle near heat, sparks, or open flames.
- Protect containers from physical damage to avoid leaks and spills.
- Place cardboard between layers of stacked batteries to avoid damage and short circuits.
- Do not allow conductive material to touch the battery terminals. A dangerous short-circuit may occur and cause battery failure and fire.

**OTHER PRECAUTIONS (e.g.; Incompatibilities):**  
Keep away from combustible materials, organic chemicals, reducing substances, metals, strong oxidizers and water.

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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS/SYSTEM DESIGN INFORMATION:**  
Charge in areas with adequate ventilation.

**VENTILATION:**  
General dilution ventilation is acceptable.

**RESPIRATORY PROTECTION:**  
Not required for normal conditions of use. See also special firefighting procedures (Section 5).

**EYE PROTECTION:**  
Wear protective glasses with side shields or goggles.

**SKIN PROTECTION:**  
Wear chemical resistant gloves as a standard procedure to prevent skin contact.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Chemically-impervious apron and face shield recommended when adding water or electrolyte to batteries. Wash Hands after handling.

**EXPOSURE GUIDELINES & LIMITS:**
MATERIAL SAFETY DATA SHEET
LEAD ACID BATTERY WET, FILLED WITH ACID
(US, CN, EU Version for International Trade)

EXPOSURE GUIDELINES & LIMITS:

<table>
<thead>
<tr>
<th>Agency</th>
<th>Exposure Limit/Value</th>
<th>Lead, inorganic (as Pb)</th>
<th>Sulfuric acid</th>
<th>Antimony</th>
<th>Arsenic</th>
</tr>
</thead>
<tbody>
<tr>
<td>OSHA</td>
<td>Permissible Exposure Limit (PEL/TWA)</td>
<td>0.05 mg/m³</td>
<td>1 mg/m³</td>
<td>0.5 mg/m³</td>
<td>0.01 mg/m³</td>
</tr>
<tr>
<td>ACNIH</td>
<td>2007 Threshold Limit Value (TLV)</td>
<td>0.05 mg/m³</td>
<td>0.2 mg/m³</td>
<td>0.5 mg/m³</td>
<td>0.01 mg/m³</td>
</tr>
<tr>
<td>Quebec</td>
<td>Permissible Exposure Value (PEV)</td>
<td>0.15 mg/m³</td>
<td>1 mg/m³</td>
<td>0.5 mg/m³</td>
<td>0.01 mg/m³</td>
</tr>
<tr>
<td>Ontario</td>
<td>Occupational Exposure Level (OEL)</td>
<td>0.10 mg/m³</td>
<td>1 mg/m³</td>
<td>0.5 mg/m³</td>
<td>0.01 mg/m³</td>
</tr>
<tr>
<td>Netherlands</td>
<td>Maximaal Aanvaarde Concentratie (MAC)</td>
<td>0.15 mg/m³</td>
<td>1 mg/m³</td>
<td>0.1 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Germany</td>
<td>Maximale Arbeitsplatzkonzentrationen (MAK)</td>
<td>0.15 mg/m³</td>
<td>1 mg/m³</td>
<td>0.5 mg/m³</td>
<td></td>
</tr>
<tr>
<td>United Kingdom</td>
<td>Occupational Exposure Standard (OES)</td>
<td>Lead (designated substance)</td>
<td>0.15 mg/m³</td>
<td>0.1 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

TWA – 8-Hour Time Weighted Average/ STE – Short Term Exposure / mg/m³ – milligrams per cubic meter of air/ NE – Not Established

Additional Information
- Batteries are housed in polypropylene cases which are regulated as total dust or respirable dust only when they are ground up during recycling. The OSHA PEL for dust is 15 mg/m³ as total dust or 5 mg/m³ as respirable dust.
- May be required to meet Domestic Requirements for a Specific Destination(s).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPEARANCE:</td>
<td>Industrial/commercial lead acid battery</td>
</tr>
<tr>
<td>ODOR:</td>
<td>Odorless</td>
</tr>
<tr>
<td>ODOR THRESHOLD:</td>
<td>NA</td>
</tr>
<tr>
<td>PHYSICAL STATE:</td>
<td>Sulfuric Acid: Liquid; Lead: solid</td>
</tr>
<tr>
<td>pH:</td>
<td>&lt;1</td>
</tr>
<tr>
<td>BOILING POINT:</td>
<td>235-240°C F (as sulfuric acid)</td>
</tr>
<tr>
<td>MELTING POINT:</td>
<td>NA</td>
</tr>
<tr>
<td>FREEZING POINT:</td>
<td>NA</td>
</tr>
<tr>
<td>VAPOR PRESSURE:</td>
<td>10 mmHg</td>
</tr>
<tr>
<td>VAPOR DENSITY (AIR = 1):</td>
<td>&gt; 1</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY (H2O = 1):</td>
<td>1.27–1.33</td>
</tr>
<tr>
<td>EVAPORATION RATE (n-BuAc=1):</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER:</td>
<td>100% (as sulfuric acid)</td>
</tr>
<tr>
<td>FLASH POINT:</td>
<td>Below room temperature (as hydrogen gas)</td>
</tr>
<tr>
<td>AUTO-IGNITION TEMPERATURE:</td>
<td>NA</td>
</tr>
<tr>
<td>LOWER EXPLOSIVE LIMIT (LEL):</td>
<td>4% (as hydrogen gas)</td>
</tr>
<tr>
<td>UPPER EXPLOSIVE LIMIT (UEL):</td>
<td>74% (as hydrogen gas)</td>
</tr>
<tr>
<td>PARTITION COEFFICIENT:</td>
<td>NA</td>
</tr>
<tr>
<td>VISCOSITY (poise @ 25°C C):</td>
<td>Not Available</td>
</tr>
</tbody>
</table>
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**DECOMPOSITION TEMPERATURE:** Not Available

**FLAMMABILITY/HMIS HAZARD CLASSIFICATIONS (US/CN/EU):** As sulfuric acid

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>REACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>0</td>
<td>2</td>
</tr>
</tbody>
</table>

**SECTION 10: STABILITY AND REACTIVITY**

<table>
<thead>
<tr>
<th>STABILITY:</th>
<th>This product is stable under normal conditions at ambient temperature.</th>
</tr>
</thead>
<tbody>
<tr>
<td>INCOMPATIBILITY (MATERIAL TO AVOID):</td>
<td>Strong bases, combustible organic materials, reducing agents, finely divided metals, strong oxidizers, and water.</td>
</tr>
<tr>
<td>HAZARDOUS DECOMPOSITION BY-PRODUCTS:</td>
<td>Thermal decomposition will produce sulfur dioxide, sulfur trioxide, carbon monoxide, sulfuric acid mist, and hydrogen.</td>
</tr>
<tr>
<td>HAZARDOUS POLYMERIZATION:</td>
<td>Will not occur</td>
</tr>
<tr>
<td>CONDITIONS TO AVOID:</td>
<td>Overcharging, sources of ignition</td>
</tr>
</tbody>
</table>

**SECTION 11: TOXICOLOGICAL INFORMATION**

**ACUTE TOXICITY (Test Results Basis and Comments):**
- Sulfuric acid: $LD_{50}$, Rat: 21409 mg/kg  
  $LO_{50}$, Guinea pig: 510 mg/m$^3$
- Lead: No data available for elemental lead

**SUBCHRONIC/CHRONIC TOXICITY (Test Results and Comments):**
- Repeated exposure to lead and lead compounds in the workplace may result in nervous system toxicity. Some toxicologists report that abnormal conduction velocities in persons with blood lead levels of 50 μg/100 ml or higher. Heavy lead exposure may result in central nervous system damage, encephalopathy and damage to the blood-forming (hematopoietic) tissues.

**Additional Information**
- Very little chronic toxicity data available for elemental lead.
- Lead is listed by IARC as a 2B carcinogen: possible carcinogen in humans. Arsenic is listed by IARC, ACGIH, and NTP as a carcinogen, based on studies with high doses over long periods of time. The other ingredients in this product, present at equal to or greater than 0.1% of the product, are not listed by OSHA, NTP, or IARC as suspect carcinogens.
- The 19th Amendment to EC Directive 67/548/EEC classified lead compounds, but not lead in metal form, as possibly toxic to reproduction. Risk phrase 61: May cause harm to the unborn child, applies to lead compounds, especially soluble forms.

**SECTION 12: ECOLOGICAL INFORMATION**

**PERSISTENCE & DEGRADABILITY:**
- Lead is very persistent in soils and sediments. No data available on biodegradation.

**BIO-ACCUMULATIVE POTENTIAL (Including Mobility):**
- Mobility of metallic lead between ecological compartments is low. Bioaccumulation of lead occurs in aquatic and terrestrial animals and plants, but very little bioaccumulation occurs through the food chain. Most studies have included lead compounds, not solid inorganic lead.

**AQUATIC TOXICITY (Test Results & Comments):**
- Sulfuric acid: $24$-hour $LO_{50}$, fresh water fish ($Brachydanio rerio$): 82 mg/l  
  $96$-hour LOEC, fresh water fish ($Cyprinus carpio$): 22 mg/l (lowest observable effect concentration)
- Lead (metal): No data available

**Additional Information**
- No known effects on stratospheric ozone depletion.
- Volatile organic compounds: 0% (by Volume)
- Water Endangering Class (WGK): NA

**SECTION 13: DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:**
- Follow local, State/Provincial, and Federal/National regulations applicable to as-used, end-of-life characteristics to be determined by end-user.

---

_East Penn Manufacturing Co., Inc._

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HAZARDOUS WASTE CLASS/CODE:
US - Not applicable to finished product as manufactured for distribution into commerce.
CN – Not applicable to finished product as manufactured for distribution into commerce.
EWC – Not applicable to finished product as manufactured for distribution into commerce.

Additional Information
Not Included – Recycle or dispose as allowed by local jurisdiction for the end-of-life characteristics as-disposed.

SECTION 14: TRANSPORT INFORMATION

GROUND – US-DOT/CAN-TDG/EU-ADR/APEC-ADR:
Proper Shipping Name Batteries, Wet, Filled with Acid
Hazard Class 8 ID Number UN2794
Packing Group III Labels Corrosive

AIRCRAFT – ICAO-IATA:
Proper Shipping Name Batteries, Wet, Filled with Acid
Hazard Class 8 ID Number UN2794
Packing Group II Labels Corrosive
Reference IATA packing instructions 800

VESSEL – IMO-IMDG:
Proper Shipping Name Batteries, Wet, Filled with Acid
Hazard Class 8 ID Number UN2794
Packing Group III Labels Corrosive
Reference IMDG packing instructions P801

Additional Information
Transport requires proper packaging and paperwork, including the Nature and Quantity of goods, per applicable origin/destination/customs points as-shipped.

SECTION 15: REGULATORY INFORMATION

INVENTORY STATUS:
All components are listed on the TSCA; EINECS/ELINCS; and DSL, unless noted otherwise below.

U.S. FEDERAL REGULATIONS:
TSCA Section 8b – Inventory Status: All chemicals comprising this product are either exempt or listed on the TSCA Inventory.
TSCA Section 12b – Export Notification: If the finished product contains chemicals subject to TSCA Section 12b export notification, they are listed below:

<table>
<thead>
<tr>
<th>Chemical</th>
<th>CAS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>NA</td>
</tr>
</tbody>
</table>

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT)
Chemicals present in the product which could require reporting under the statute:

<table>
<thead>
<tr>
<th>Chemical</th>
<th>CAS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead</td>
<td>7439-92-1</td>
</tr>
<tr>
<td>Sulfuric acid</td>
<td>7664-93-9</td>
</tr>
</tbody>
</table>

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
The finished product contains chemicals subject to the reporting requirements of Section 313 of SARA Title III.

<table>
<thead>
<tr>
<th>Chemical</th>
<th>CAS #</th>
<th>% wt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead</td>
<td>7439-92-1</td>
<td>65</td>
</tr>
<tr>
<td>Sulfuric acid</td>
<td>7664-93-9</td>
<td>25</td>
</tr>
</tbody>
</table>

CERCLA SECTION 311/312 HAZARD CATEGORIES: Note that the finished product is exempt from these regulations, but lead and sulfuric acid above the thresholds are reportable on Tier II reports.

<table>
<thead>
<tr>
<th>Hazard</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Pressure Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactivity Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>
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Immediate Hazard: Yes (Sulfuric acid is Corrosive)
Delayed Hazard: No

Note: Sulfuric acid is listed as an Extremely Hazardous Substance.

STATE REGULATIONS (US):

California Proposition 65
The following chemicals identified to exist in the finished product as distributed into commerce are known to the State of California to cause cancer, birth defects, or other reproductive harm:

<table>
<thead>
<tr>
<th>Chemical</th>
<th>CAS #</th>
<th>% Wt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arsenic (as arsenic oxides)</td>
<td>7440-38-2</td>
<td>&lt;0.1</td>
</tr>
<tr>
<td>Strong inorganic acid mists including sulfuric acid</td>
<td>NA</td>
<td>25</td>
</tr>
<tr>
<td>Lead</td>
<td>7439-92-1</td>
<td>65</td>
</tr>
</tbody>
</table>

California Consumer Product Volatile Organic Compound Emissions
This Product is not regulated as a Consumer Product for purposes of CARB/OTC VOC Regulations, as-sold for the intended purpose and into the industrial/Commercial supply chain.

INTERNATIONAL REGULATIONS (Non-US):

Canadian Domestic Substance List (DSL)
All ingredients remaining in the finished product as distributed into commerce are included on the Domestic Substances List.

WHMIS Classifications
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.

NPRI and Ontario Regulation 127/01
This product contains the following chemicals subject to the reporting requirements of Canada NPRI +/or Ont. Reg. 127/01:

<table>
<thead>
<tr>
<th>Chemical</th>
<th>CAS #</th>
<th>% Wt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead</td>
<td>7439-92-1</td>
<td>65</td>
</tr>
<tr>
<td>Sulfuric acid</td>
<td>7664-93-9</td>
<td>25</td>
</tr>
</tbody>
</table>

European Inventory of Existing Commercial Chemical Substances (EINECS)
All ingredients remaining in the finished product as distributed into commerce are exempt from, or included on, the European Inventory of Existing Commercial Chemical Substances.

European Communities (EC) Hazard Classification according to directives 67/548/EEC and 1999/45/EC.

R-Phrases: 35, 36, 38
S-Phrases: 1/2, 26, 30, 45

Additional Information
This product may be subject to Restriction of Hazardous Substances (RoHS) regulations in Europe and China, or may be regulated under additional regulations and laws not identified above, such as for uses other than described or as-designed/as-intended by the manufacturer, or for distribution into specific domestic destinations.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:
Distribution into Quebec to follow Canadian Controlled Product Regulations (CPR) 24(1) and 24(2).
Distribution into the EU to follow applicable Directives to the Use, Import/Export of the product as-sold.

SOURCES OF INFORMATION:
Ontario Ministry of Labour Regulation 654/86. Regulations Respecting Exposure to Chemical or Biological Agents.
RTECS – Registry of Toxic Effects of Chemical Substances, National institute for Occupational Safety and Health.

MSDS/SDS PREPARATION INFORMATION:
DATE OF ISSUE: 6 August 2007 SUPERCEDES: 29 January 2007

DISCLAIMER:
This Material Safety Data Sheet is based upon information and sources available at the time of preparation or revision date.

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LEAD ACID BATTERY WET, FILLED WITH ACID

(US, CN, EU Version for International Trade)

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