## Section 1. Product and Company Identification

<table>
<thead>
<tr>
<th><strong>Product Name</strong></th>
<th>Temocapril Hydrochloride</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product ID</strong></td>
<td>T1750</td>
</tr>
<tr>
<td><strong>Chemical Name (Synonyms)</strong></td>
<td>CS-622</td>
</tr>
</tbody>
</table>
| **Supplier**     | LKT Laboratories, Inc  
545 Phalen Blvd.  
St. Paul, MN 55130 USA  
Ph: 651-644-8424 Fax: 651-644-8357  
www.lktlabs.com - getinfo@lktlabs.com |
| **Emergency Phone #** | 1-800-424-9300 |

## Section 2. Hazards Identification

**GHS Classification**  
This substance or mixture is not classifiable according to GHS.

**GHS Label elements including precautionary statements**

<table>
<thead>
<tr>
<th><strong>Pictogram</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Signal word</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Hazard and precautionary statements</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Hazard statement</strong></td>
<td>This substance or mixture is not classifiable according to GHS.</td>
</tr>
<tr>
<td><strong>Precautionary statement</strong></td>
<td>This substance or mixture is not classifiable according to GHS.</td>
</tr>
</tbody>
</table>

**HMIS Classification**  
Health hazard: 0  
Chronic health hazard: *  
Flammability: 0  
Physical hazard: 0

**NFPA Rating**  
Health hazard: 0  
Fire hazard: 0  
Reactivity hazard: 0

**Potential Health Effects**  
Inhalation - May be harmful if inhaled. May cause respiratory tract irritation.  
Skin - May be harmful if absorbed through skin. May cause skin irritation.  
Eyes - May cause eye irritation.
Ingestion - May be harmful if swallowed.

Section 3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Substances</th>
<th>Ingredient: Title Compound</th>
<th>Percent: 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formula</td>
<td>( \text{C}<em>{23}\text{H}</em>{28}\text{N}<em>{2}\text{O}</em>{5}\text{S}_{2} \cdot \text{HCl} )</td>
<td>Formula Wt. 513.07</td>
</tr>
<tr>
<td>CAS No.</td>
<td>110221-44-8</td>
<td>EC No.</td>
</tr>
</tbody>
</table>

Section 4. First Aid Measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Eye Contact
Flush eyes with water as a precaution.

Skin Contact
Wash off with soap and plenty of water.

Inhalation
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Ingestion
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 5. Firefighting Measures

Flash Point
Not available.

Extinguishing Media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Firefighting Procedures
Wear self-contained breathing apparatus for fire fighting if necessary.

Unusual Fire Hazards
Not available.

Section 6. Accidental Release Measures

Personal Precautions
Wear respiratory protection. Avoid dust formation. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental Precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and cleanup
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7. Handling and Storage

Handling
Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

Storage Conditions
Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature: Ambient

Hazardous Decomposition Products
Not available.

Other Remarks
Section 8. Exposure Controls/Personal Protection

**Physical State**
- Solid.

**Color**
- White crystal powder.

**Boiling Point**
- 717.4°C

**Melting Point**
- 196-200°C (dec)

**Solubility**
- Not available.

**Flash Point**
- Not available.

**Lower explosion limit**
- Not available.

**Upper explosion limit**
- Not available.

**Water solubility**
- Not available.

**Partition coefficient: n-octanol/water**
- Not available.

**Relative vapor density**
- Not available.

**Stability**
- Stable under recommended storage conditions.

**Materials To Avoid**
- Strong oxidizing agents.

**Hazardous Decomposition Products**
- Not available.

**Section 9. Physical and Chemical Properties**

**Physical State**
- Solid.

**Color**
- White crystal powder.

**Boiling Point**
- 717.4°C

**Melting Point**
- 196-200°C (dec)

**Solubility**
- Not available.

**Flash Point**
- Not available.

**Lower explosion limit**
- Not available.

**Upper explosion limit**
- Not available.

**Water solubility**
- Not available.

**Partition coefficient: n-octanol/water**
- Not available.

**Relative vapor density**
- Not available.

**Physical State**
- Solid.

**Color**
- White crystal powder.

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**Melting Point**
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**Solubility**
- Not available.

**Flash Point**
- Not available.

**Lower explosion limit**
- Not available.

**Upper explosion limit**
- Not available.

**Water solubility**
- Not available.

**Partition coefficient: n-octanol/water**
- Not available.

**Relative vapor density**
- Not available.

**Stability**
- Stable under recommended storage conditions.

**Materials To Avoid**
- Strong oxidizing agents.

**Hazardous Decomposition Products**
- Not available.
### Section 11. Toxicological Information

<table>
<thead>
<tr>
<th>Test Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral LD50</td>
<td>Not available.</td>
</tr>
<tr>
<td>Inhalation LC50</td>
<td>Not available.</td>
</tr>
<tr>
<td>Dermal LD50</td>
<td>Not available.</td>
</tr>
<tr>
<td>Other information on acute toxicity</td>
<td>Not available.</td>
</tr>
<tr>
<td>Reproductive Toxicity</td>
<td>Not available.</td>
</tr>
<tr>
<td>Specific organ toxicity single exposure (GHS)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Specific organ toxicity repeated exposure (GHS)</td>
<td>Not available.</td>
</tr>
<tr>
<td>Teratogenicity</td>
<td>Not available.</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Not available.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Not available.</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td>Not available.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not available.</td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>Not available.</td>
</tr>
<tr>
<td>Synergistic effects</td>
<td>Not available.</td>
</tr>
<tr>
<td>Additional Information</td>
<td>RTECS: XJ0560000</td>
</tr>
<tr>
<td>Signs and symptoms of exposure</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

**Potential Health Effects**

- Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.
- Skin: May be harmful if absorbed through skin. May cause skin irritation.
- Eyes: May cause eye irritation.
- Ingestion: May be harmful if swallowed.

**Carcinogenicity**

- IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.
- ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
- NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
- OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

### Section 12. Ecological Information

<table>
<thead>
<tr>
<th>Test Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toxicity</td>
<td>Not available.</td>
</tr>
<tr>
<td>Mobility in soil</td>
<td>Not available.</td>
</tr>
<tr>
<td>PBT and vPvB assessment</td>
<td>PBT/vPvB assessment not available as chemical safety assessment not required/not</td>
</tr>
</tbody>
</table>
Persistence and degradability: Not available.

Bioaccumulative potential: Not available.

Other adverse effects: Not available.

Section 13. Disposal Considerations

Waste Disposal:
Dispose of material according to all federal, state and local regulations. Offer material to a licensed, professional waste disposal company to dispose of as unused product.

Section 14. Transport Information

DOT (US): Not dangerous goods.

IATA: Not dangerous goods.

IMDG: Not dangerous goods.

Section 15. Regulatory Information

Reach No.

SARA 302 Components: SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Components: No SARA hazards.

Massachusetts Right To Know Components: No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components: Temocapril hydrochloride CAS #: 110221-44-8 Revision Date:

New Jersey Right To Know Components: Temocapril hydrochloride CAS #: 110221-44-8 Revision Date:

California Prop 65 Components: This product does not contain any chemicals known to the State of California to cause cancer, birth defects or any other reproductive harm.

Section 16. Other Information

The information in this document is believed to be correct but is not necessarily complete. LKT does not guarantee the accuracy of the information. The burden of verifying the information in this document rests solely upon the user.