### Section 1. Product and Company Identification

<table>
<thead>
<tr>
<th><strong>Product Name</strong></th>
<th>Everolimus</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product ID</strong></td>
<td>E8419</td>
</tr>
<tr>
<td><strong>Chemical Name</strong></td>
<td>Certican</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**
- Specific target organ toxicity - repeated exposure, Oral (Category 1), H372
- Acute aquatic toxicity (Category 3), H402
- Chronic aquatic toxicity (Category 3), H412

**GHS Label elements including precautionary statements**

- **Pictogram**
- **Signal word** Danger
- **Hazard and precautionary statements**
  - **Hazard statements**
    - H372 - Causes damage to organs through prolonged or repeated exposure if swallowed.
    - H402 - Harmful to aquatic life.
    - H412 - Harmful to aquatic life with long lasting effects.
  - **Precautionary statement**
    - P260 - Do not breathe dust.
    - P264 - Wash skin thoroughly after handling.
    - P270 - Do not eat, drink, or smoke when using this product.
    - P273 - Avoid release to the environment.
    - P314 - Get medical advice if you feel unwell.
    - P501 - Dispose of contents/container to an approved waste disposal plant.

**HMIS Classification**
- Health Hazard: 0
- Chronic Health Hazard: *
- Flammability: 0
- Physical Hazard: 0

**NFPA Rating**
- Health Hazard: 0
- Fire: 0
- Reactivity Hazard: 0

**Potential Health Effects**
- Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.
- Skin: May be harmful if absorbed through skin. Causes skin irritation.
- Eyes: Causes eye irritation.
Section 3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Substances</th>
<th>Ingredient: Title Compound</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formula</td>
<td>C₅₃H₈₃NO₁₄</td>
</tr>
<tr>
<td>CAS No.</td>
<td>159351-69-6</td>
</tr>
<tr>
<td>Formula Wt.</td>
<td>958.22</td>
</tr>
<tr>
<td>EC No.</td>
<td></td>
</tr>
</tbody>
</table>

Section 4. First Aid Measures

**General advice**
Consult a physician. Show this safety data sheet to the doctor in attendance.

**Eye Contact**
Flush eyes with water as a precaution.

**Skin Contact**
Wash with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

**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 firefighting if necessary.

**Unusual Fire Hazards**
Carbon oxides, nitrogen oxides (NOx).

Section 6. Accidental Release Measures

**Personal Precautions**
Use personal protective equipment. Avoid dust formation. Avoid breathing dust, 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. Discharge into the environment must be avoided.

**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. Normal measures for preventive fire protection.

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

**Hazardous Decomposition Products**
Carbon oxides, nitrogen oxides (NOx).

**Other Remarks**
Store under inert gas.
Section 8. Exposure Controls/Personal Protection

**Personal protective equipment**

EXPOSURE CONTROLS
Contains no substances with occupational exposure limit values. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

PERSONAL PROTECTIVE EQUIPMENT

Eye Protection
Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Skin Protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove’s outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory Protection
Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid</td>
<td>White to off-white powder.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Boiling Point</th>
<th>Volatility</th>
<th>Density</th>
</tr>
</thead>
<tbody>
<tr>
<td>95-110°C</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Melting Point</th>
<th>Solubility</th>
<th>pH</th>
</tr>
</thead>
<tbody>
<tr>
<td>95-110°C</td>
<td>Insoluble in water, soluble in DMSO (30mg/mL), ethanol (7mg/mL).</td>
<td>5.1 - 5.2 at 10 g/l at 20˚C</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flash Point</th>
<th>Ignition temperature</th>
<th>Autoignition temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not available.</td>
<td>Not available.</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lower explosion limit</th>
<th>Upper explosion limit</th>
<th>Water solubility</th>
<th>Partition coefficient: n-octanol/water</th>
<th>Relative vapor density</th>
<th>Odor</th>
<th>Odor Threshold</th>
<th>Evaporation rate</th>
</tr>
</thead>
</table>

Section 10. Stability and Reactivity

**Stability**

Stable under recommended storage conditions.

**Materials To Avoid**

Strong oxidizing agents.

**Hazardous Decomposition Products**

Carbon oxides, nitrogen oxides (NOx).
Section 11. Toxicological Information

Oral LD50  Rat > 2,000 mg/kg
Skin corrosion/irritation Not available.

Inhalation LC50 Not available.
Serious eye damage/irritation Not available.

Dermal LD50 Not available.
Respiratory or skin sensitization Not available.

Other information on acute toxicity Not available.
Germ cell mutagenicity Not available.

Reproductive Toxicity Not available.
Aspiration Hazard Not available.

Specific organ toxicity single exposure (GHS) Not available.
Synergistic effects Not available.

Specific organ toxicity repeated exposure (GHS) Ingestion - Causes damage to organs through prolonged or repeated exposure. Additional Information RTECS: Not available.

Teratogenicity Not available.
Signs and symptoms of exposure Not available.

Potential Health Effects Inhalaion: May be harmful if inhaled. Causes respiratory tract irritation. Skin: May be harmful if absorbed through skin. Causes skin irritation. Eyes: Causes eye irritation. Ingestion: May be harmful if swallowed. Organs: Causes damage to organs through prolonged or repeated exposure 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

Toxicity Toxicity to fish LC50 - Cyaninus carpio (Carp) -> 18.4 mg/l - 96 h Mobility in soil Not available.
PBT and vPvB assessment 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

SARA 302 Components SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title II, 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 Everolimus CAS #: 159351-69-6 Revision Date:
New Jersey Right To Know Components Everolimus CAS #: 159351-69-6 Revision Date:
California Prop 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16. Other Information

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.