Section 1. Product and Company Identification

Product Name: Rufloxacin hydrochloride
Product ID: R8122
Chemical Name (Synonyms): Qari; Monos; Tebraxin
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: Acute toxicity, Oral (Category 4) H302

GHS Label elements including precautionary statements

Pictogram

Signal word: Warning

Hazard and precautionary statements

Hazard statement: H302 - Harmful if swallowed

Precautionary statements:
P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P330 - Rinse mouth.
P501 - Dispose of contents/container to an approved waste disposal plant.

HMIS Classification
Health hazard: 3
Chronic health hazard: *
Flammability: 0
Physical hazard: 0

NFPA Rating
Health hazard: 3
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: Harmful if swallowed.

### Section 3. Composition/Information on Ingredients

**Substances**

<table>
<thead>
<tr>
<th>Formula</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>$\text{C}<em>{17}\text{H}</em>{18}\text{F}<em>{3}\text{N}</em>{3}\text{O}_{3}\text{S} \cdot \text{HCl}$</td>
<td>106017-08-7</td>
</tr>
</tbody>
</table>

**Formula Wt.** 399.87

**EC No.**

### 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**

Remove contact lenses. Flush with water for at least 15 minutes and seek medical attention immediately.

**Skin Contact**

Wash with soap and water for 15 minutes and seek medical attention immediately. Wash contaminated clothing before use.

**Inhalation**

Remove from exposure and provide respiration support if necessary. Seek medical attention.

**Ingestion**

Rinse mouth with water. Contact a physician or poison control immediately.

### Section 5. Firefighting Measures

**Flash Point**

Not Available

**Extinguishing Media**

Water spray, dry chemical powder, carbon dioxide, polymer foam.

**Firefighting Procedures**

Wear self-contained breathing apparatus and protective clothing.

**Unusual Fire Hazards**

May emit toxic fumes.

### Section 6. Accidental Release Measures

**Personal Precautions**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

**Environmental Precautions**

Do not let product enter drains.

**Methods and materials for containment and cleanup**

Use appropriate tools to collect material and dispose of in waste container. Avoid raising dust. Ventilate the area and wash spill site after material has been removed.

### Section 7. Handling and Storage

**Handling**

Wear gloves, goggles, and lab coat when handling this material. Use in a well ventilated area. Use only in a chemical fume hood. Wash thoroughly after handling material.

**Storage Conditions**

Store in a cool, dry place in a tightly closed container. Recommended storage temperature: Ambient

**Hazardous Decomposition Products**

Carbon monoxide, Carbon dioxide, Nitrogen oxides, Sulfur Oxides, Hydrogen chloride gas.

**Other Remarks**

None
Section 8. Exposure Controls/Personal Protection

Personal protective equipment

CONTROL PARAMETERS
Components with workplace control parameters: Contains no substances with occupational exposure limit values.

EXPOSURE CONTROLS
Appropriate engineering controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

PERSONAL PROTECTIVE EQUIPMENT
Eye/face protection: Safety glasses with side-shields conforming to EN 166. 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. Full and Splash contact: Material: Nitrile rubber. Minimum layer thickness: 0.11 mm, Break through time: 480 min., Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M).

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: For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection, use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9. Physical and Chemical Properties

Physical State: Solid
Color: Yellow/Green
Boiling Point: Not Available
Volatility: Not Available
Melting Point: 322°C-324°C
Density: Not Available
Solubility: Not Available
pH: Not Available
Flash Point: Not Available
Ignition temperature: Not Available
Lower explosion limit: Not Available
Autoignition temperature: Not Available
Upper explosion limit: Not Available
Vapor pressure: Not Available
Water solubility: Not Available
Odor: Not Available
Partition coefficient: n-octanol/water: Not Available
Odor Threshold: Not Available
Relative vapor density: Not Available
Evaporation rate: Not Available

Section 10. Stability and Reactivity

Stability: Stable under recommended storage conditions.

Materials To Avoid: Not Available

### Section 11. Toxicological Information

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral LD50</td>
<td>Rat - 500 mg/kg</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>No data available.</td>
</tr>
<tr>
<td>Inhalation LC50</td>
<td>No data available.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>No data available.</td>
</tr>
<tr>
<td>Dermal LD50</td>
<td>No data available.</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td>No data available.</td>
</tr>
<tr>
<td>Other information on acute toxicity</td>
<td>No data available.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>No data available.</td>
</tr>
<tr>
<td>Reproductive Toxicity</td>
<td>No data available.</td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>No data available.</td>
</tr>
<tr>
<td>Specific organ toxicity single exposure (GHS)</td>
<td>No data available.</td>
</tr>
<tr>
<td>Synergistic effects</td>
<td>No data available.</td>
</tr>
<tr>
<td>Specific organ toxicity repeated exposure (GHS)</td>
<td>No data available.</td>
</tr>
<tr>
<td>Additional Information</td>
<td>No data available.</td>
</tr>
<tr>
<td>Teratogenicity</td>
<td>No data available.</td>
</tr>
<tr>
<td>Signs and symptoms of exposure</td>
<td>No data 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: 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>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toxicity</td>
<td>Do not let product enter drains.</td>
</tr>
<tr>
<td>Mobility in soil</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

**PBT and vPvB**
- PBT/vPvB assessment not available as chemical safety assessment not required/not
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.

Further Information

Section 15. Regulatory Information

Reach No.

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

SARA 313 Components 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 Acute health hazard

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

Pennsylvania Right To Know Components Rufloxacin Hydrochloride CAS #: 106017-08-7 Revision Date:

New Jersey Right To Know Components Rufloxacin Hydrochloride CAS #: 106017-08-7 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.