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**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

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**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.

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### Section 3. Composition/Information on Ingredients

#### Substances

**Formula** C<sub>17</sub>H<sub>18</sub>FN<sub>3</sub>O<sub>3</sub>S · HCl

**Formula Wt.** 399.87

**CAS No.** 106017-08-7

**EC No.**

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### 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.

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### 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.

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### 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.

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### 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, Sulfor Oxides, Hydrogen chloride gas.

#### Other Remarks

None

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### 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).

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### Section 9. Physical and Chemical Properties

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

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### Section 10. Stability and Reactivity

<b>Stability</b>	Stable under recommended storage conditons.
<b>Materials To Avoid</b>	Not Available
<b>Hazardous Decomposition Products</b>	Carbon monoxide, Carbon dioxide, Nitrogen oxides,Sulfur Oxides, Hydrogen chloride gas.

**Possibility of hazardous reactions** Not Available

**Conditions to avoid** Not Available

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### Section 11. Toxicological Information

**Oral LD50** Rat - 500 mg/kg

**Skin corrosion/irritation** No data available.

**Inhalation LC50** No data available.

**Serious eye damage/irritation** No data available.

**Dermal LD50** No data available.

**Respiratory or skin sensitization** No data available.

**Other information on acute toxicity** No data available.

**Germ cell mutagenicity** No data available.

**Reproductive Toxicity** No data available.

**Aspiration Hazard** No data available.

**Specific organ toxicity single exposure (GHS)** No data available.

**Synergistic effects** No data available.

**Specific organ toxicity repeated exposure (GHS)** No data available.

**Additional Information** No data available.

**Teratogenicity** No data available.

**Signs and symptoms of exposure** No data available.

**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.

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### Section 12. Ecological Information

**Toxicity** Do not let product enter drains.

**Mobility in soil** Not available.

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

conducted.

**Persistence and degradability** Not available.

**Other adverse effects** Not available.

**Bioaccumulative potential** Not available.

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### 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.

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### Section 14. Transport Information

**DOT (US)** Not dangerous goods.

**IATA** Not dangerous goods.

**IMDG** Not dangerous goods.

#### Further Information

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### 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.

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### 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.

**Updated** 6/11/2020

For emergencies in the USA, call  
CHEMTREC 800-424-9300