



Section 1. Product and Company Identification

Product Name R-(+)-Ofloxacin
Product ID O2146
Chemical Name (Synonyms) S-(-)-Ofloxacin; Levofloxacin; Tavanic; Quixin
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 5) H303

GHS Label elements including precautionary statements

Pictogram



Signal word Warning

Hazard and precautionary statements

Hazard statement

H303 - May be harmful if swallowed.

Precautionary statements

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

HMIS Classification

Health hazard: 1
Flammability: 0
Physical Hazards: 0

NFPA Rating

Health hazard: 1
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: Acute toxicity. May be harmful if swallowed.

Section 3. Composition/Information on Ingredients

Substances	Ingredient: Title Compound	Percent: 100	
Formula	C ₁₈ H ₂₀ FN ₃ O ₄	Formula Wt.	361.37
CAS No.	100986-86-5	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. Evacuate personnel to safe areas. Avoid breathing dust.
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	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, hydrogen fluoride.
Other Remarks	None

Section 8. Exposure Controls/Personal Protection

Personal protective equipment Contains no substances with occupational exposure limit values.

Respiratory Protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN143) 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).

Hand 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.

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 and 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.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Section 9. Physical and Chemical Properties

Physical State	Solid	Color	Yellow
Boiling Point	Not Available	Volatility	Not Available
Melting Point	225°C -227°C	Density	Not Available
Solubility	Chloroform, DMSO	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

Materials To Avoid Not Available

Hazardous Decomposition Products Carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen fluoride.

Possibility of hazardous reactions No dangerous reactions known.

Conditions to avoid Heat.

Section 11. Toxicological Information

Oral LD50 3590 mg/kg (rat)

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) Not available.

Additional Information Not available.

Teratogenicity Not available.

Signs and symptoms of exposure Chemical, physical, & toxicological properties have not been thoroughly investigated

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: Acute toxicity. 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

Toxicity Not available.

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.

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 None.

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 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 R (+) Ofloxacin CAS #: 100986-86-5 Revision Date:

New Jersey Right To Know Components R (+) Ofloxacin CAS #: 100986-86-5 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

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