## 1. PRODUCT AND COMPANY INFORMATION

**Distributed By:** WG Critical Care, LLC.
120 Route 17 North  
Suite 115  
Paramus, NJ 07652 USA

**Product Name:** Levofloxacin Injection in 5% Dextrose

**Common name/Trade Name:** Levofloxacin

**Structure:**

![Chemical Structure Image]

**Chemical Name:** (1) 7HPyrido[1,2,3de]1,4-benzoxazine-6-carboxylic acid, 9-fluoro-2,3-dihydro-3-methyl-10-(4-methyl-1-piperazinyl)-7-oxohydrate(2:1), (S); (2) (-)-(S)-9-Fluoro-2,3-dihydro-3-methyl-10-(4-methyl-1-piperazinyl)-7-oxo-7H-pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic acid, hemihydrate.

**Molecular Formula:** $C_{18}H_{20}FN_{3}O_{4} \cdot \frac{1}{2}H_{2}O$

**UNII Code:** UNII6GNT3Y5LMF, UNIIIR4E89Y14 [anhydrous].

**CAS Number:** 138199-71-0; 100986-85-4 [anhydrous]

**Chemical Family:** Anti-infective (Antibacterial)

**Product Use:** Pharmaceutical

**Product Type:** Prescription Drug

**Container Information:** Plastic Bags

**Customer Service Phone Number:** +1-888-493-0861

**Emergency Phone Number:** +1-866-562-4708 (Prosar)
2. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Weight %</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Levofloxacin</td>
<td>5mg/ml</td>
<td>138199-71-0; 100986-85-4</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

ROUTES OF ENTRY:
- Skin Contact: Causes skin irritation; Skin Absorption: May be harmful if absorbed through the skin. Eye Contact: Causes eye irritation. Inhalation: Material is irritating to mucous membranes and upper respiratory tract. May be harmful, if inhaled; Ingestion: Harmful if swallowed.

CHEMICAL LISTED AS CARCINOGEN:
- NTP: NO
- IARC: NO
- OSHA: NO

4. FIRST AID MEASURES

EYE EXPOSURE: Flush eyes with copious amounts of water

SKIN EXPOSURE: Rinse the expose area with copious amount of water for 15 minutes

INGESTION: If swallowed, do not induce vomiting unless directed by the physician. Never give anything by mouth to an unconscious person. Loosen tight clothing such as collar, tie, belt or waistband. Get medical attention immediately

INHALATION: If inhaled, remove to fresh air. Get medical attention if symptoms appear

5. FIRE FIGHTING MEASURES

FLASH POINT: Not Available
AUTO-IGNITION TEMPERATURE: Not Available
FLAMMABLE LIMITS IN AIR: Not Available
FLAMMABLE LIMITS: Not Available
EXTINGUISHING MEDIA: Water spray, Carbon Dioxide, foam or dry powder

WG Critical Care, LLC.

Levofloxacin Injection in 5% Dextrose Safety Data Sheet (SDS)
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UNUSUAL FIRE / EXPLOSION HAZARDS: Levofloxacin Hemihydrate is assumed to be combustable.

6. ACCIDENTAL RELEASE MEASURE

SPILL: Collect all of the material with protective equipment. Place this material in a clean and dry container. Wear appropriate personal equipment as described in Section 8.

RELEASE TO AIR: Ventilate area of leak or spill

RELEASE TO WATER: Refer to local water authority. Drain disposal is not recommended. Please refer to all local, state, and federal disposal guidelines.

7. HANDLING AND STORAGE

GENERAL HANDLING: Avoid contact with product and use caution to prevent puncturing containers. No special protective equipment or procedures are required in the clinical and home environment.

STORAGE CONDITIONS: Store product or below 25 °C (77°F); however, brief exposure up to 40°C (104°F) does not adversely affect the product. Protect from light. Avoid excessive heat and protect from freezing.
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Respiratory Protection: When working with small quantities in a well-ventilated area, respiratory protection may not be required. The use of an approved dust mask is recommended.

EYE PROTECTION: Safety goggles.

VENTILATION Provide exhaust ventilation or other engineering controls.

SKIN PROTECTION: Protective gloves.

OTHER PROTECTIVE EQUIPMENT: Vapor respirator, rubber boots and rubber gloves.

ADDITIONAL EXPOSURE PRECAUTIONS: None.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

APPEARANCE AND ODOR: Light yellow solution, free from any particulates

EVAPORATION RATE: Not Available

BOILING POINT: Not Available

MELTING POINT: 224° – 229° C

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Available

pH: 3.8 – 5.8

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions of temperature and pressure.

INCOMPATIBILITY: Strong oxidizing agents.

(MATERIALS TO AVOID)

HAZARDOUS POLYMERIZATION: Not available.

HAZARDOUS DECOMPOSITION: High temperatures can cause the release of fumes containing toxic gases of COx, NOx and HF

CONDITIONS TO AVOID: Heat, moisture and incompatible materials.
11. TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>TYPE</th>
<th>ROUTE</th>
<th>SPECIES</th>
<th>DOSAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Levofloxacin</td>
<td>LD50</td>
<td>Oral</td>
<td>Rat</td>
<td>503 mg/kg</td>
</tr>
<tr>
<td>Levofloxacin</td>
<td>LD50</td>
<td>Oral</td>
<td>Mouse</td>
<td>285 mg/kg</td>
</tr>
<tr>
<td>Levofloxacin</td>
<td>LD50</td>
<td>Oral</td>
<td>Monkey</td>
<td>&gt;250 mg/kg</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

No applicable ecological information found or determined for ecotoxicity, bioaccumulative potential, mobility in soil, persistence and degrability.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose all materials and waste residue in accordance with all applicable Federal, State and Local regulations.

14. TRANSPORT INFORMATION

REGULATORY ORGANIZATIONS:
DOT: Not Regulated
ICAO / IATA: Not Regulated
IMO: Not Regulated
15. REGULATORY INFORMATION

Below is selected regulatory information chosen primarily for possible WG Critical Care use. This section is not a complete analysis or reference to all applicable regulatory information. Please consider all applicable laws and regulations for your city / state / country.

US Regulations
TSCA – No
CERCLA-No
SARA 302 – No
SARA 313 – No
OSHA Substance Specific - No

16. OTHER INFORMATION

As of the date of issuance, we are providing available information relevant to the handling of this material in the workplace. All information contained herein is offered with the good faith belief that it is accurate. THIS MATERIAL SAFETY DATA SHEET SHALL NOT BE DEEMED TO CREATE ANY WARRANTY OF ANY KIND (INCLUDING WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE). In the event of an adverse incident associated with this material, this safety data sheet is not intended to be a substitute for consultation with appropriately trained personnel. Nor is this safety data sheet intended to be a substitute for product literature which may accompany the finished product.