

## 1. PRODUCT AND COMPANY INFORMATION

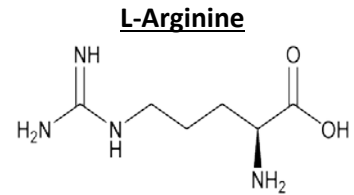
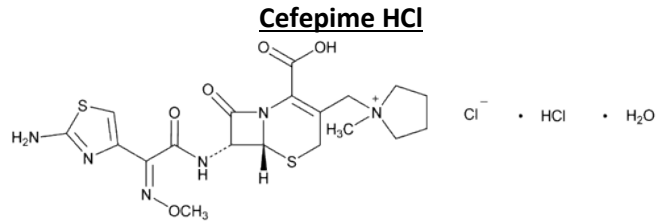
**Distributed By:** WG Critical Care, LLC.  
120 Route 17 North  
Suite 115  
Paramus, NJ 07652 USA

**Product Name:** **Cefepime for Injection, USP**

**Active**

**Ingredient/Primary Component:** Cefepime for Injection, USP

**Structure:**



**Chemical Name:**

**Cefepime HCl**

(1) Pyrrolidinium, 1-[[[7-[[[(2-amino-4-thiazolyl)(methoxyimino)acetyl]amino]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-1-methyl-, chloride, monohydrochloride, monohydrate, [6R-[6 $\alpha$ , 7 $\beta$ (Z)]]-; (2) 1-[[[(6R, 7R)-7-[2-(2-Amino-4-thiazolyl)glyoxylamido]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-1-methylpyrrolidinium chloride, 7<sup>2</sup>-(Z)-(O-methyloxime), monohydrochloride, monohydrate

**L-Arginine**  
L-Arginine

**Molecular Formula:**

**Cefepime HCl**  
 $C_{19}H_{25}ClN_6O_5S_2 \cdot HCl \cdot H_2O$

**L-Arginine**  
 $C_6H_{14}N_4O_2$

**UNII Code:**

**Cefepime HCl**  
UNII-18X100607P

**L-Arginine**  
UNII-94ZLA3W45F

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**1. PRODUCT AND COMPANY INFORMATION (CONT.)**

<b>CAS Number:</b>	<u>Cefepime HCl</u> 123171-59-5	<u>L-Arginine</u> 74-79-3
<b>Chemical Family:</b>	<u>Cefepime HCl</u> Antibacterial	<u>L-Arginine</u> Ammonia detoxicant; diagnostic aid (pituitary function determination)
<b>Product Use:</b>	Pharmaceutical	
<b>Product Type:</b>	Prescription Drug	
<b>Container Information:</b>	Vials	
<b>Customer Service Phone Number:</b>	+1-888-493-0861	
<b>Emergency Phone Number:</b>	+1-866-562-4708 (Prosar)	

**2. HAZARDS IDENTIFICATION**

**PRIMARY PHYSICAL AND HEALTH HAZARDS:** May cause respiratory tract, eye, and skin irritation. May cause allergic respiratory and skin reaction

**ROUTES OF ENTRY:** Eye, Skin, Inhalation, Ingestion

**SIGNS & SYMPTOMS OF EXPOSURE:** Potential adverse reactions from prescribed doses and overdoses are described in the package insert. Possible adverse reactions include: local reactions, rash, diarrhea, nausea, vomiting, pruritus, positive Coombs' test, and other laboratory changes. Occupational exposure has not been fully investigated.

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

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Ingredient</u>	<u>Weight %</u>	<u>CAS Number</u>
Cefepime HCl	58%	123171-59-5
L-Arginine	42%	74-79-3

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#### 4. FIRST AID MEASURES

<b>EYE EXPOSURE:</b>	Rinse opened eye for several minutes under running water. If symptoms persist, seek medical attention.
<b>SKIN EXPOSURE:</b>	Immediately wash with water and soap and rinse thoroughly. If symptoms persist seek medical attention.
<b>INGESTION:</b>	Do NOT induce vomiting. Flush mouth out with water and seek medical attention.
<b>INHALATION:</b>	Seek medical attention.
<b>NOTE TO PHYSICIAN:</b>	Please see patient package insert.

#### 5. FIRE FIGHTING MEASURES

<b>FLASH POINT:</b>	Not established
<b>AUTO-IGNITION TEMPERATURE:</b>	Not established
<b>FLAMMABLE LIMITS IN AIR:</b>	Not established
<b>FLAMMABLE LIMITS:</b>	Not established
<b>EXTINGUISHING MEDIA:</b>	CO <sub>2</sub> , ABC multipurpose dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam.
<b>UNUSUAL FIRE / EXPLOSION HAZARDS:</b>	Emits toxic fumes of carbon monoxide, carbon dioxide, hydrogen chloride, oxides of nitrogen, and sulfur oxides.

#### 6. ACCIDENTAL RELEASE MEASURE

<b>SPILL:</b>	Contain and collect spillage and place in container for disposal according to local regulations (See Section 13). Wipe surface area clean with soap and water. Avoid contact with strong oxidizing agents.
<b>RELEASE TO AIR:</b>	Prevent release to drains and waterways. Prevent release to the environment.
<b>RELEASE TO WATER:</b>	Refer to local water authority. Drain disposal is not recommended; refer to local, state, and federal disposal guidelines.

#### 7. HANDLING AND STORAGE

<b>GENERAL HANDLING:</b>	When handling pharmaceutical products, avoid all contact and inhalation of dust, fumes, mist, and/or vapors associated with the product.
<b>STORAGE CONDITIONS:</b>	Store at 2° - 25°C (36° - 77°F). Protect from light

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>RESPIRATORY PROTECTION:</b>	If respiratory protection is used, the type of protection will depend upon air concentration present, required protection factor as well as hazards, physical properties of substance.
<b>EYE PROTECTION:</b>	Safety glasses with side shields or goggles are recommended.
<b>VENTILATION:</b>	General room ventilation is usually satisfactory. Use local exhaust ventilation if necessary.
<b>SKIN PROTECTION:</b>	Protect with disposable garments if direct skin contact is anticipated.
<b>OTHER PROTECTIVE EQUIPMENT:</b>	Chemical resistant gloves.
<b>ADDITIONAL EXPOSURE PRECAUTIONS:</b>	Wash hands and face before breaks and immediately after handling product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>PHYSICAL STATE:</b>	Solid	<b>SPECIFIC GRAVITY:</b>	Not established
<b>APPEARANCE AND ODOR:</b>	White; Can range from white to pale yellow in solution	<b>EVAPORATION RATE:</b>	Not established
<b>BOILING POINT:</b>	Not established	<b>MELTING POINT:</b>	Not established
<b>VAPOR PRESSURE:</b>	$1.26 \times 10^{-7}$ Torr	<b>SOLUBILITY:</b>	Freely soluble in water
<b>VAPOR DENSITY:</b>	Not established	<b>pH:</b>	4.0-6.0
<b>Percent Volatile:</b>	Not established	<b>Explosive Properties:</b>	Not established

## 10. STABILITY AND REACTIVITY

<b>STABILITY:</b>	Stable when stored under conditions outlined in section 7.
<b>HAZARDOUS POLYMERIZATION:</b>	Does not occur
<b>CONDITIONS TO AVOID:</b>	Protect from light

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### 11. TOXICOLOGICAL INFORMATION

#### ACUTE TOXICITY

COMPONENT	TYPE	ROUTE	SPECIES	DOSAGE
Cefepime HCl	LD <sub>50</sub>	IV	Rat	1067 mg/kg
Cefepime HCl	LD <sub>50</sub>	IV	Mouse	1500-2000mg/kg
Cefepime HCl	LD <sub>50</sub>	IV	Dog	2000 mg/kg

### 12. ECOLOGICAL INFORMATION

No applicable information found.

### 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Waste disposal must be in accordance with appropriate 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 313 – No

OSHA Substance Specific - No

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## 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 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.

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