

## MATERIAL SAFETY DATA SHEET

CEFAZOLIN FOR INJECTION, MSDS

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### SECTION 1. PRODUCT AND COMPANY INFORMATION

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Product Name: Cefazolin for Injection, USP  
Supplier: West-Ward Injectables Inc.  
200 Industrial Way West,  
Eatontown, NJ 07724  
Phone (732 542 1191)  
Fax (732 720 6220)

Technical Phone: (800 631 2174)

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### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

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CAS Number	Description	Amount
27164-46-1	Cefazolin Sodium	500mg, 1g, 10g vials

Category: Anti-Infective

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### SECTION 3. HAZARDS IDENTIFICATION, EMERGENCY OVERVIEW

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Route of Entry: Inhalation, eye/skin contact, or ingestion

Chemical List as  
Carcinogen:

NTP: No  
IARC: No  
OSHA: No

Note: May cause hypersensitivity reactions to individuals sensitive to cephalosporins, penicillins, or other drugs.

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### SECTION 4. FIRST AID MEASURES

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Eyes: Immediately flush eyes with water for at least 15 minutes. Seek medical attention

Skin: Remove contaminated clothing immediately. Flush area with water for at least 15 minutes. Seek medical attention as needed.

Inhalation: Move exposed subject to well ventilated area immediately. Give artificial and cardiopulmonary resuscitation (CPR) if required. Seek medical attention.

Ingestion: Flush mouth with water immediately. Seek medical attention

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## SECTION 5. FIRE AND EXPLOSION DATA

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### Fire and explosion Data

Closed Cup Flash Point:	N/A
Open Cup Flash Point	N/A
Fire Point:	N/A
Autoignition:	N/A
Lower Explosion Limit:	N/A
General Hazard:	When heated to decomposition it emits very toxic fumes of NO, Na <sub>2</sub> O and SO.
Fire Fighting Instructions:	Water spray, dry chemical, or foam as appropriate. Carbon dioxide extinguishers may be ineffective.
Fire Fighting Equipment:	Wear self-containing breathing apparatus and protective clothing.
Hazardous Combustion Products:	Toxic fumes of NO <sub>x</sub> , Na <sub>2</sub> O and SO <sub>x</sub> .

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## SECTION 6. ACCIDENTAL RELEASE MEASURES

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Clean Up: Wear recommended personal protective equipment. Use appropriate absorbent material to clean affected area. Wipe area with soap and water. Dispose of materials according to the applicable federal, state and/ or local regulations.

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## SECTION 7. HANDLING AND STORAGE

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General Handling: When handling pharmaceutical products, avoid all contact and inhalation of dust, fumes, mist, and/ or vapors associated with product.

Storage Conditions: Store at controlled room temperature 20° - 25°C (68° - 77°F). Protect from light and excessive heat. [see USP Controlled Room Temperature].

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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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Engineering Controls: General room ventilation is usually satisfactory. Use Local exhaust ventilation if necessary.

### Personal Protective Equipment

Eye protection: Safety glasses or goggles recommended.

Hand protection: Latex rubber gloves recommended.

Respiratory Protection: With satisfactory ventilation, respirators are not required.

### Exposure Limits:

Compound	Issuer	Type	OEL
Cefazolin Sodium	OSHA	PEL	NE
	ACGIH	TLV	NE
	...	STEL	NE



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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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Physical Form/ Appearance:	Yellowish-white odorless, crystalline powder.
Boiling Point/ Boiling Range:	N/A
Melting Point/ Melting Range:	198°C - 200°C
Freezing Point:	N/A
Vapor Pressure:	N/A
Relative Vapor Density:	N/A
Percent Volatiles:	N/A
pH:	4.6 - 6.0
Molecular Weight:	476.52
Solvent Solubility:	Freely soluble in water.

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### SECTION 10. STABILITY AND REACTIVITY DATA.

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Stability:	Stable
Conditions to Avoid:	Avoid direct sunlight and conditions that might heat and cause dispersion as aerosol. Avoid storage next to strong oxidizers.
Hazardous Polymerization:	Will not occur

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### SECTION 11. TOXICOLOGICAL INFORMATION

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#### Acute Toxicity:

Compound	Type	Route	Species	Dosage
Cefazolin Sodium	LD50	IV	Rat	2760 mg/kg

#### Other: IMMEDIATE EFFECTS:

Eye, skin and respiratory irritation may occur.

#### DELAYED EFFECTS:

Hypersensitivity reactions ranging from mild to life-threatening may occur in individuals allergic to the cephalosporin and penicillin groups.

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### SECTION 12. ECOLOGICAL INFORMATION

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Information is currently not available on the environmental impact of Cefazolin. Handle in a manner to prevent spills or releases to the environment.

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### SECTION 13. DISPOSAL CONSIDERATIONS

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Dispose of by incineration at an approved /permitted incinerator. Review local, state, and federal regulations for your regulatory area.



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SECTION 14. TRANSPORT INFORMATION

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**UN/NA Number:** N/A

**US DOT Hazard Class:** N/A

**Proper Shipping Name:** N/A

**Shipping Label:** N/A

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SECTION 15. REGULATORY INFORMATION

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**U.S. Regulatory Information:** not regulated.

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SECTION 16. OTHER INFORMATION

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