

## MATERIAL SAFETY DATA SHEET

CEFOTAXIME FOR INJECTION, MSDS

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### SECTION 1. PRODUCT AND COMPANY INFORMATION

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Product Name: Cefotaxime 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
64485-93-4	Cefotaxime Sodium	500mg, 1g, 2g, 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: Consult a physician if irritation of respiratory passage occurs. 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 <sub>x</sub> , and SO <sub>x</sub> .
Fire Fighting Instructions:	Water spray, dry chemical, or foam as appropriate.
Fire Fighting Equipment:	Wear self-containing breathing apparatus and protective clothing.
Hazardous Combustion Products:	Toxic fumes of NO <sub>x</sub> 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
Cefotaxime 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:	Off White to pale yellow crystalline powder.		
Boiling Point/ Boiling Range:	N/A		
Melting Point/ Melting Range:	N/A		
Freezing Point:	N/A		
Vapor Pressure:	N/A		
Relative Vapor Density:	N/A		
Percent Volatiles:	N/A		
pH:	5.0 - 7.5		
Molecular Weight:			477.46
Solvent Solubility:	Freely soluble.		

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#### SECTION 10. STABILITY AND REACTIVITY DATA.

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Stability:	Stable
Conditions to Avoid:	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
Cefotaxime Sodium	LD50	Oral	Rat	20 gm/kg
	LD50	Oral	Mouse	20 gm/kg

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##### Other: IMMEDIATE EFFECTS:

Eye, skin, mucous membrane 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 Cefotaxime. 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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