	Sagent Pharmaceuticals, Inc.				
	Cefoxitin for Injection, USP			Material Safety Data Sheet (MSDS)	
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Section 1 - Chemical Product and Company

Distributor:

Sagent Pharmaceuticals, Inc.
1901 N. Roselle Rd, Suite 700
Schaumburg, IL 60195
847-908-1600

Emergency Telephone: 866-625-1618

Product Identifier: Cefoxitin for Injection, USP
Product Code: NDC 25021-109-10
NDC 25021-110-20
NDC 25021-111-99
Common/Trade Name: Mefoxin, Cefoxitin for Injection, USP
Chemical Name: Sodium (6R,7S)-3-(hydroxymethyl)-7-methoxy-8-oxo-7-[2-(2-thienyl)acetamido]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate carbamate (ester)
Chemical Family: Anti-infective
Product Use: Pharmaceutical
Product Type: Regulated Prescription Drug
Container Information: Vials

Section 2 - Composition / Information on Ingredients


Ingredient	Weight %	CAS No.
Cefoxitin Sodium	100	33564-30-6

Section 3 - Hazards Identification

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

Signs & Symptoms of Exposure: This product is intended for therapeutic use only when prescribed by a physician. Potential adverse reactions from prescribed doses and overdoses are described in the package insert. Side effects from therapeutic doses include: allergic reactions, hypotension, gastrointestinal neuromuscular, renal, and hepatic abnormalities. Occupational exposure has not been fully investigated.

Chemical Listed as Carcinogen: NTP: No IARC: No OSHA: No

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Medical Conditions Generally Aggravated by Exposure: Individuals with hypersensitivity to cefoxitin and to the cephalosporin and penicillin group of antibiotics.

Section 4 - First Aid Measures

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

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

Ingestion: Flush mouth out with water immediately. Seek medical attention.

Inhalation: Move exposed subject to fresh air immediately. Give artificial respiration and cardiopulmonary resuscitation (CPR) if required. Seek medical attention.

Notes to Physician: See patient package insert in shipping carton for complete information.

Section 5 - Fire Fighting Measures

Flash Point: Not established

Autoignition Temperature: Not established


Flammable Limits in Air: Lower %: Not established
Upper %: Not established

Flammable Limits: Not established

Extinguishing Media: Water spray, dry chemical, carbon dioxide, or foam as appropriate to surroundings.

Special Fire Fighting Procedures: Wear self-containing breathing apparatus and protective clothing.

Unusual Fire/Explosion Hazards: Emits toxic fumes under fire conditions.

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Section 6 - Accidental Release Measures

Spill: Use absorbent towels or brooms to clean-up spill. Wipe surface area clean with soap and water.

Release to Air:

Release to Water: Refer to local water authority. Drain disposal is not recommended; refer to local, state, and federal disposal guidelines.

Section 7 - Handling and Storage

General Handling: When handling pharmaceutical products, avoid all contact and inhalation of dust, fumes, mist, and/or vapors associated with the product. This material has not been tested for its dust explosion properties. However, like most organic dusts, it is expected to explode when ignited as a dust cloud. Care should be taken to avoid dispersion as a dust cloud.

Waste Disposal Method: Use absorbent towels or brooms to clean-up spill. Wipe surface area clean with soap and water.

Storage Conditions: Store at between 2°-25°C (36°-77°F). Avoid temperatures above 50°C. Follow instructions provided in packaging.

Section 8 - Exposure Controls / Personal Protection

Respiratory Protection: With satisfactory ventilation, respiratory protection is usually not required.


Eye Protection: Safety glasses or goggles recommended.

Ventilation: General room ventilation is usually satisfactory. Use local exhaust ventilation if necessary.

Skin Protection: Disposable latex gloves are recommended.

Other Protective Equipment: N/A

Additional Exposure Precautions: N/A

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Exposure Limits


<u>Compound</u>	<u>Issuer</u>	<u>Type</u>	<u>OEL</u>
Cefoxitin Sodium	OSHA	PEL	NE
	ACGIH	TLV	NE
	-----	STEL	NE

Section 9 - Physical and Chemical Properties

Physical State:	Solid powder	Specific Gravity:	Approx to water
Appearance And Odor:	White to off-white	Evaporation Rate:	Approx to water
Boiling Point:	Not available	Solubility in Water:	Soluble
Vapor Pressure:	Not available	pH:	4.2 – 7.0
Vapor Density:	Not available	Molecular Weight:	449.44

Section 10 - Stability and Reactivity

Stability:	Stable
Incompatibility (Materials to avoid):	Not available
Hazardous Decomposition:	Not available
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Avoid direct sunlight and conditions that might generate heat and dispersion as dust cloud.

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Section 11 - Toxicological Information

IMMEDIATE EFFECTS: Eye, skin, and respiratory irritation may occur. Exposure may cause allergic reactions in certain individuals and cross-allergenicity with penicillin-allergic individuals.

DELAYED EFFECTS: Hypersensitivity reactions ranging from mild to life-threatening may occur.

Acute Toxicity

Component	Type	Route	Species	Dosage
Cefoxitin Sodium	LD ₅₀	Oral	Rat	>10 gm/kg

Section 12 - Ecological Information

No applicable ecological information found.

Section 13 - Disposal Considerations

Waste Disposal: Dispose of any cleanup materials and waste residue according to all applicable laws and regulations.


Section 14 - Transport Information

Regulatory Organizations:

DOT: Not Regulated

ICAO/IATA: Not Regulated

IMO: Not Regulated

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Section 15 - Regulatory Information

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

U.S. Regulations

TSCA - *No*

CERCLA - *Not on this list*

SARA 302 - *Not on this list*

SARA 313 - *Not on this list*


OSHA Substance Specific - *No*

Section 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.

For additional information contact:

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Glossary: This glossary contains definitions of general terms used in MSDSs. Not all of these Glossary Terms will apply to this MSDS.

ACGIH	American Conference of Governmental Industrial Hygienists
AIHA	American Industrial Hygiene Association
CAS Number	Chemical Abstract Service Registry Number
CERCLA	Comprehensive Environmental Response Compensation and Liability Act (of 1980)
CHAN	Chemical Hazard Alert Notice
CHEMTREC	Chemical Transportation Emergency Center
DOT	Department of Transportation
EPA	Environmental Protection Agency
HEPA	High Efficiency Particulate Air (Filter)
IARC	International Agency for Research on Cancer
ICAO/IATA	International Civil Aviation Organization/International Air Transport Association
IMO	International Maritime Organization
KOW	Octanol/Water Partition Coefficient
LEL	Lower Explosive Limit
MSDS	Material Safety Data Sheet
MSHA	Mine Safety and Health Administration
NA	Not Applicable, except in Section 14 where NA = North America
NE	Not Established
NADA	New Animal Drug Application
NAIF	No Applicable Information Found
NCI	National Cancer Institute
NIOSH	National Institute for Occupational Safety and Health
NOS	Not Otherwise Specified
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
OEL	Occupational Exposure Limit
PEL	Permissible Exposure Limit (OSHA)
RCRA	Resource Conservation and Recovery Act
RQ	Reportable Quantity
RTECS	Registry of Toxic Effects of Chemical Substances
SARA	Superfund Amendments and Reauthorization Act
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value (ACGIH)
TPQ	Threshold Planning Quantity
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average/8 Hours Unless Otherwise Noted
UEL	Upper Explosive Limit
UN	United Nations
USP	United States Pharmacopeia
WEEL	Workplace Environmental Exposure Level (AIHA)