



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

1501 East Woodfield Road **Emergency Telephone** **(800) 551-7176**
Suite 300 East
Schaumburg, IL 60173
(847) 969-2700

Product Identifier: Ampicillin for Injection, USP
Chemical Name: Ampicillin Sodium
Category: Anti-Infective

SECTION 2 - COMPOSITION

<u>Ingredient</u>	<u>CAS Number</u>	<u>Amount</u>
Ampicillin Sodium	69-52-3	250 mg, 500 mg, 1 gm, and 2 gm vials

SECTION 3 - HAZARDS IDENTIFICATION

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

Chemical Listing as Carcinogen

NTP: No

IARC: No

OSHA: No

Note: May cause allergic reaction in penicillin-sensitive individuals.

SECTION 4 - EMERGENCY & FIRST AID MEASURES

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. Wash exposed area with soap and water. Seek medical attention if pain, redness, or swelling persists.

SECTION 4 - EMERGENCY & FIRST AID MEASURES...continued

Inhalation: Move exposed subject to fresh air immediately. Exposure to this material may cause symptoms including chest pain, difficulty breathing, loss of consciousness, or other adverse effects which may be delayed. If breathing has stopped, start basic life support and seek immediate medical attention.

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

Contact Info: For Adverse Event Information, please call (800) 551-7176 or (847) 969-2700.

SECTION 5 - FIRE FIGHTING MEASURES

Fire and Explosion Data

Closed Cup Flash Point: NA

Open Cup Flash Point: NA

Fire Point: NA

Autoignition: NA

Lower Explosion Limit: NA

Upper Explosion Limit: NA

General Hazard: When heated to decomposition, toxic fumes may be emitted.

Fire Fighting Instructions: Water spray, dry chemical, carbon dioxide, or foam as appropriate to surroundings. Carbon dioxide extinguishers may be ineffective.

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

Hazardous Combustion Products: Toxic fumes of NO_x and SO_x

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Clean-Up: Wear recommended personal protective equipment (See Section 8 - Exposure Controls/Personal Protection). Use absorbent towels or brooms to clean-up spill. Wipe surface area clean with soap and water. No specific detoxification procedures have been developed for this product.

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.
- Storage Conditions:** Store at controlled room temperature between 15°-30°C (59°-86°F).

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

- 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:** Disposable latex gloves recommended.
- Respiratory Protection:** With satisfactory ventilation, respiratory protection is usually not required.
- Skin Protection:** Disposable garments if direct skin contact is anticipated.

Exposure Limits:

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

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- Physical Form/Appearance:** White to off-white powder
- Boiling Point/Boiling Range:** NA
- Melting Point/Melting Range:** 205°-207°C
- Freezing Point:** NA
- Vapor Pressure :** NA
- Relative Vapor Density:** NA
- Percent Volatiles:** NA
- pH:** 8.0-10.0
- Molecular Weight:** 371.39
- Solvent Solubility:** Very soluble in water

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES...continued

Note: NA

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: No conditions contributing to instability are known to exist.

Hazardous Polymerization: Not expected to occur

SECTION 11 - TOXICOLOGY INFORMATION

Signs & Symptoms of Exposure & Overexposure: 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. Occupational exposure has not been fully investigated.

Medical Conditions Aggravated by Accidental Exposure: Individuals with a history of hypersensitivity reactions to any penicillin

Acute Toxicity:

<u>Compound</u>	<u>Type</u>	<u>Route</u>	<u>Species</u>	<u>Dosage</u>
Ampicillin Sodium	LD ₅₀	Oral	Rat	> 5314 mg/kg
	LD ₅₀	Oral	Mouse	> 5314 mg/kg
	LD ₅₀	SC	Rat	> 5314 mg/kg
	LD ₅₀	SC	Mouse	> 5314 mg/kg
	LD ₅₀	IP	Rat	7400 mg/kg
	LD ₅₀	IP	Mouse	5700 mg/kg

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

SECTION 12 - TRANSPORTATION INFORMATION

UN/NA Number: NA

U.S. DOT Hazard Class: NA

Proper Shipping Name: NA

Shipping Label: NA

SECTION 13 - DISPOSAL INFORMATION

Disposal Procedure : Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state, and local regulations.

SECTION 14 - OTHER

Key to Abbreviations: ACGIH - American Conference of Governmental Industrial Hygienists
HEPA - High Efficiency Particulate Air
IARC - International Agency for Research on Cancer
NA - Not Applicable
NE - Not Established
NG - Not Given
NIOSH - National Institute for Occupational Safety and Health
NTP - National Toxicology Program
OEL - Occupational Exposure Limit
OSHA - Occupational Safety and Health Administration
PEL - Permissible Exposure Limit
PPM - Parts Per Million
QS - Quantity Sufficient
RCRA - Resource Conservation and Recovery Act
STEL - Short Term Exposure Limit
TLV - Threshold Limit Value
USP - United States Pharmacopeia

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