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**Piperacillin &
Tazobactam
Injection IP**

ECOTAZ
4.5g

For I.V. use only
Composite Pack :
Vial with Sterile Diluent

Composition :
Each vial contains :
Sterile Piperacillin Sodium IP
Eq. to Piperacillin 4000 mg
Sterile Tazobactam Sodium IP
Eq. to Tazobactam 500 mg
(Content of Sodium Ion=0.22g/Vial)

Dosage : As directed by the Physician.

Storage : Store at a temperature not exceeding 25°C.
Protect from light & moisture.

Direction for use : Dissolve the contents of vial in 20 ml of Sterile Water for Injection I.P. provided in this pack

SINGLE USE ONLY
Do not allow to freeze.
The constituted solution should be used immediately after preparation.

Adverse Reaction :
Hypokalemia, Bronchospasm

SCHEDULE H PRESCRIPTION DRUG -
Caution : Not to be sold by retail without the prescription of a Registered Medical Practitioner.

Manufactured by :
Supermax Drugs & Pharmaceuticals (P) Ltd.
H-1231, DSIDC Industrial Complex, Narela,
Delhi-110040
(An ISO 9001:2015 & WHO-GMP Certified Co.)

Product Information Page: ECOTAZ-4.5 INJ

Brand Name: ECOTAZ-4.5 INJ

Composition: Piperacillin Sodium 4g + Tazobactam Sodium 0.5g

Manufacturer: Econ Healthcare Pvt Ltd

Address: 11, First Floor, Science City Road, Sola, Ahmedabad

Contact: +91 635-6666-700 | Email: info@econhealthcare.net | Website: www.econhealthcare.net

General Information:

ECOTAZ-4.5 INJ is a combination of **Piperacillin Sodium** and **Tazobactam Sodium**, formulated to provide broad-spectrum antibacterial action. Piperacillin is a beta-lactam antibiotic that works by inhibiting the synthesis of bacterial cell walls, while Tazobactam is a beta-lactamase inhibitor that prevents bacteria from breaking down Piperacillin, thus enhancing its antibacterial efficacy. This combination provides a powerful treatment against a variety of bacterial infections.

Class:

- **Piperacillin:** Beta-lactam antibiotic (Penicillin class)
- **Tazobactam:** Beta-lactamase inhibitor

Indications and Uses:

ECOTAZ-4.5 INJ is used for the treatment of:

- Moderate to severe infections, including:
 - Pneumonia
 - Urinary tract infections
 - Intra-abdominal infections
 - Skin and soft tissue infections
 - Gynecological infections
- Sepsis and other infections caused by susceptible bacteria.

Common Side Effects:

- Diarrhea
- Nausea and vomiting
- Rash
- Fever

Less Common Side Effects:

- Increased liver enzymes (AST/ALT)
- Allergic reactions (swelling, difficulty breathing)
- Blood disorders (low blood cell count)
- Headache

Doses and Administration:

ECOTAZ-4.5 INJ is administered via **intravenous injection or infusion** by a healthcare professional. The usual adult dose is **4.5g every 6–8 hours**, depending on the severity of the infection and the patient's condition. The exact dosage and duration of treatment should be determined by the healthcare provider.

Warnings and Precautions:

- **Hypersensitivity:** Individuals allergic to penicillin or other beta-lactam antibiotics should avoid this medication.
- **Renal impairment:** Dose adjustments may be needed in patients with renal dysfunction.
- **Pregnancy and breastfeeding:** Consult your doctor before use if pregnant or breastfeeding.
- **Superinfection:** Prolonged use may result in overgrowth of non-susceptible organisms.

Drug Interactions:

- **Probenecid:** May increase the levels of Piperacillin.
- **Anticoagulants:** Care should be taken when co-administering, as there is a potential for increased bleeding.

- **Methotrexate:** Piperacillin can interfere with the clearance of methotrexate, leading to higher levels.

Contraindications:

- Hypersensitivity to Piperacillin, Tazobactam, or any component of the formulation.
- History of severe allergic reactions to beta-lactam antibiotics (e.g., penicillins, cephalosporins).

Dos and Don'ts:

- **Do:** Complete the full course of treatment as prescribed by your doctor, even if symptoms improve.
- **Don't:** Use this medication without a doctor's guidance or change the prescribed dosage.
- **Do:** Inform your doctor of any pre-existing conditions, such as kidney disease or allergies, before starting treatment.
- **Don't:** Self-administer the injection; always seek the assistance of a healthcare professional.

Before Taking ECOTAZ-4.5 INJ:

- Inform your healthcare provider about any history of allergic reactions to beta-lactam antibiotics or any other drugs.
- Discuss any existing medical conditions, particularly kidney disease or gastrointestinal issues, before beginning treatment.
- Tell your doctor if you are pregnant, planning to become pregnant, or breastfeeding.

Disclaimer:

This is general information provided for your reference. **ECOTAZ-4.5 INJ** must always be consumed according to the guidance of your doctor. Do not alter the prescribed dosage. The information provided here is not intended to replace professional medical advice. Always consult with your healthcare provider for personalized medical advice.

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