

**PHENAZOPYRIDINE HYDROCHLORIDE- phenazopyridine hydrochloride tablet, film coated**

**Marlex Pharmaceuticals Inc**

*Disclaimer: This drug has not been found by FDA to be safe and effective, and this labeling has not been approved by FDA. For further information about unapproved drugs, click here.*

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**Phenazopyridine Hydrochloride Tablets**

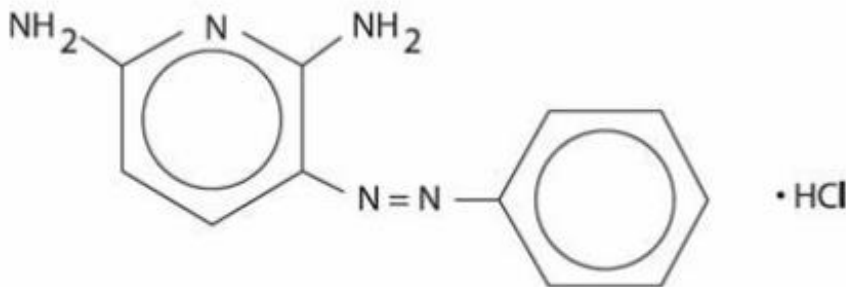
**PHENAZOPYRIDINE HYDROCHLORIDE TABLETS, USP**

**Rx Only**

**CAUTION:** Federal law prohibits dispensing without prescription.

**DESCRIPTION**

Phenazopyridine Hydrochloride is light or dark red to dark violet, odorless, slightly bitter, crystalline powder. It has a specific local analgesic effect in the urinary tract, promptly relieving burning and pain. It has the following structural formula:



**Inactive Ingredients:** Carnuba Wax, Croscarmellose Sodium, Hypromellose, Microcrystalline Cellulose, Magnesium Stearate, Povidone, Polyethylene Glycol and Pregelatinized Starch.

**CLINICAL PHARMACOLOGY**

Phenazopyridine HCl is excreted in the urine where it exerts a topical analgesic effect on the mucosa of the urinary tract. This action helps to relieve pain, burning, urgency and frequency. The precise mechanism of action is not known.

The pharmacokinetic properties of Phenazopyridine HCl have not been determined. Phenazopyridine HCl is rapidly excreted by the kidneys, with as much as 66% of an oral dose being excreted unchanged in the urine.

**INDICATIONS AND USAGE**

Phenazopyridine HCl is indicated for the symptomatic relief of pain, burning, urgency, frequency, and other discomforts arising from irritation of the lower urinary tract

mucosa caused by infection, trauma, surgery, endoscopic procedures, or the passage of sounds or catheters. The use of Phenazopyridine HCl for relief of symptoms should not delay definitive diagnosis and treatment of causative conditions. Because it provides only symptomatic relief, prompt appropriate treatment of the cause of pain must be instituted and Phenazopyridine HCl should be discontinued when symptoms are controlled.

The analgesic action may reduce or eliminate the need for systemic analgesics or narcotics. It is, however, compatible with antibacterial therapy and can help to relieve pain and discomfort during the interval before antibacterial therapy controls the infection. Treatment of a urinary tract infection with Phenazopyridine HCl should not exceed 2 days because there is a lack of evidence that the combined administration of Phenazopyridine HCl and an antibacterial provides greater benefit than administration of the antibacterial alone after 2 days. (See DOSAGE AND ADMINISTRATION section.)

## **CONTRAINDICATIONS**

Phenazopyridine HCl should not be used in patients who have previously exhibited hypersensitivity to it. The use of Phenazopyridine HCl is contraindicated in patients with renal insufficiency.

## **ADVERSE REACTIONS**

Headache, rash, pruritus and occasional gastrointestinal disturbance. An anaphylactoid-like reaction has been described. Methemoglobinemia, hemolytic anemia, renal and hepatic toxicity have been reported, usually at overdose levels (see OVERDOSAGE Section).

## **PRECAUTIONS**

### **General:**

A yellowish tinge of the skin or sclera may indicate accumulation due to impaired renal excretion and the need to discontinue therapy. The decline in renal function associated with advanced age should be kept in mind.

NOTE: Patients should be informed that Phenazopyridine HCl produces a reddish-orange discoloration of the urine and may stain fabric. Staining of contact lenses has been reported.

### **Laboratory Test Interaction:**

Due to its properties as an azo dye, Phenazopyridine HCl may interfere with urinalysis based on spectrometry or color reactions.

### **Carcinogenesis, Mutagenesis, Impairment of Fertility:**

Long-term administration of Phenazopyridine HCl has induced neoplasia in rats (large intestine) and mice (liver).

Although no association between Phenazopyridine HCl and human neoplasia has been

reported, adequate epidemiological studies along these lines have not been conducted.

### **Pregnancy Category B:**

Reproduction studies have been performed in rats at doses up to 50 mg/kg/day and have revealed no evidence of impaired fertility or harm to the fetus due to Phenazopyridine HCl.

There are, however, no adequate and well controlled studies in pregnant women. Because animal reproduction studies are not always predictive of human response, this drug should be used during pregnancy only if clearly needed.

### **Nursing mothers:**

No information is available on the appearance of Phenazopyridine HCl, or its metabolites in human milk.

## **DOSAGE AND ADMINISTRATION**

100 mg Tablets: Average adult dosage is two tablets 3 times a day after meals. 200 mg Tablets: Average adult dosage is one tablet 3 times a day after meals.

When used concomitantly with an antibacterial agent for the treatment of a urinary tract infection, the administration of Phenazopyridine HCl should not exceed 2 days.

## **OVERDOSAGE**

Exceeding the recommended dose in patients with good renal function or administering the usual dose to patients with impaired renal function (common in elderly patients) may lead to increased serum levels and toxic reactions. Methemoglobinemia generally follows a massive, acute overdose. Methylene blue, 1 to 2 mg/kg/body weight intravenously or ascorbic acid 100 to 200 mg given orally should cause prompt reduction of the methemoglobinemia and disappearance of the cyanosis which is an aid in diagnosis. Oxidative Heinz body hemolytic anemia may also occur, and "bite cells" (degmacytes) may be present in a chronic overdosage situation. Red blood cell G-6-PD deficiency may predispose to hemolysis. Renal and hepatic impairment and occasional failure, usually due to hypersensitivity, may also occur.

## **HOW SUPPLIED**

100 mg Tablets: Supplied in bottles of 100 (NDC 10135-0620-01) counts.

Appearance: Deep brown to maroon colored, round, film coated tablets debossed "PY" above "1" on one side and plain on the other.

200 mg Tablets: Supplied in bottles of 100 (NDC 10135-0621-01) counts.

Appearance: Deep brown to maroon colored, round, film coated tablets debossed "PY" above "2" on one side and plain on the other.

**DISPENSE** contents with a child-resistant closure (as required) and in a tight container as defined in the USP.

**STORE** at 20° to 25°C (68° to 77°F); excursions permitted to 15° to 30°C (59° to 86°F) [See USP Controlled Room Temperature].

**Manufactured for:**

Marlex Pharmaceuticals, Inc.  
New Castle, DE 19720

**Distributed by:**

Marlex Pharmaceuticals, Inc.  
New Castle, DE 19720

Made in USA

Rev.2 03/18AN

**PRINCIPAL DISPLAY PANEL**

**NDC 10135-0620-01**

**Phenazopyridine  
Hydrochloride**

**Tablets, USP**

**100 mg**

**Rx Only**

**100 TABLETS**



**PRINCIPAL DISPLAY PANEL**

**NDC 10135-0621-01**

**Phenazopyridine  
Hydrochloride**

**Tablets, USP**

**200 mg**

**Rx Only**

**100 TABLETS**

NDC 10135-0621-01

**MARLEX**  
PHARMACEUTICALS, INC.

**Phenazopyridine Hydrochloride Tablets, USP**

200 mg

Rx Only

**100 TABLETS**

Each tablet contains:  
Phenazopyridine Hydrochloride, USP.....200 mg

Usual Dosage: See package insert for dosage information.

Dispense contents with a child-resistant closure (as required) and in a tight container as defined in the USP. Store at 20° to 25°C (68° to 77°F); excursions permitted to 15° to 30°C (59° to 86°F) [See USP Controlled Room Temperature].

**KEEP THIS AND ALL MEDICATION OUT OF THE REACH OF CHILDREN.**

Manufactured for/Distributed by:  
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New Castle, DE 19720

Made in USA

Rev. 1 4/19AN Z 3

10135-0621-01

## PHENAZOPYRIDINE HYDROCHLORIDE

phenazopyridine hydrochloride tablet, film coated

### Product Information

<b>Product Type</b>	HUMAN PRESCRIPTION DRUG	<b>Item Code (Source)</b>	NDC:10135-620
<b>Route of Administration</b>	ORAL		

### Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
<b>PHENAZOPYRIDINE HYDROCHLORIDE</b> (UNII: 0EWG668W17) (PHENAZOPYRIDINE - UNII:K2J09EMJ52)	PHENAZOPYRIDINE HYDROCHLORIDE	100 mg

### Inactive Ingredients

Ingredient Name	Strength
<b>STARCH, CORN</b> (UNII: O8232NY3SJ)	
<b>CROSCARMELLOSE SODIUM</b> (UNII: M28OL1HH48)	
<b>D&amp;C YELLOW NO. 10</b> (UNII: 35SW5USQ3G)	
<b>FD&amp;C RED NO. 40</b> (UNII: WZB9127XOA)	
<b>FD&amp;C BLUE NO. 1</b> (UNII: H3R47K3TBD)	
<b>FD&amp;C YELLOW NO. 6</b> (UNII: H77VEI93A8)	
<b>CELLULOSE, MICROCRYSTALLINE</b> (UNII: OP1R32D61U)	
<b>MAGNESIUM STEARATE</b> (UNII: 70097M6130)	
<b>POVIDONE</b> (UNII: FZ989GH94E)	
<b>POLYVINYL ALCOHOL, UNSPECIFIED</b> (UNII: 532B59J990)	
<b>POLYETHYLENE GLYCOL, UNSPECIFIED</b> (UNII: 3WJQ0SDW1A)	
<b>SILICON DIOXIDE</b> (UNII: ETJ7Z6XBU4)	
<b>TALC</b> (UNII: 7SEV7J4R1U)	
<b>TITANIUM DIOXIDE</b> (UNII: 15FIX9V2JP)	

## Product Characteristics

<b>Color</b>	brown (Deep brown to maroon colored)	<b>Score</b>	no score
<b>Shape</b>	ROUND	<b>Size</b>	7mm
<b>Flavor</b>		<b>Imprint Code</b>	PY;1
<b>Contains</b>			

## Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:10135-620-01	100 in 1 BOTTLE; Type 0: Not a Combination Product	10/01/2016	

## Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
unapproved drug other		10/01/2016	

## PHENAZOPYRIDINE HYDROCHLORIDE

phenazopyridine hydrochloride tablet, film coated

### Product Information

<b>Product Type</b>	HUMAN PRESCRIPTION DRUG	<b>Item Code (Source)</b>	NDC:10135-621
<b>Route of Administration</b>	ORAL		

### Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
<b>PHENAZOPYRIDINE HYDROCHLORIDE</b> (UNII: 0EWG668W17) (PHENAZOPYRIDINE - UNII:K2J09EMJ52)	PHENAZOPYRIDINE HYDROCHLORIDE	200 mg

### Inactive Ingredients

Ingredient Name	Strength
<b>STARCH, CORN</b> (UNII: O8232NY3SJ)	
<b>CROSCARMELLOSE SODIUM</b> (UNII: M28OL1HH48)	
<b>D&amp;C YELLOW NO. 10</b> (UNII: 35SW5USQ3G)	
<b>FD&amp;C RED NO. 40</b> (UNII: WZB9127XOA)	
<b>FD&amp;C BLUE NO. 1</b> (UNII: H3R47K3TBD)	
<b>FD&amp;C YELLOW NO. 6</b> (UNII: H77VEI93A8)	
<b>CELLULOSE, MICROCRYSTALLINE</b> (UNII: OP1R32D61U)	
<b>MAGNESIUM STEARATE</b> (UNII: 70097M6I30)	
<b>POVIDONE</b> (UNII: FZ989GH94E)	
<b>POLYVINYL ALCOHOL, UNSPECIFIED</b> (UNII: 532B59J990)	
<b>POLYETHYLENE GLYCOL, UNSPECIFIED</b> (UNII: 3WJQ0SDW1A)	

**SILICON DIOXIDE** (UNII: ETJ7Z6XBU4)

**TALC** (UNII: 7SEV7J4R1U)

**TITANIUM DIOXIDE** (UNII: 15FIX9V2JP)

### Product Characteristics

<b>Color</b>	brown (Deep brown to maroon colored)	<b>Score</b>	no score
<b>Shape</b>	ROUND	<b>Size</b>	10mm
<b>Flavor</b>		<b>Imprint Code</b>	PY;2
<b>Contains</b>			

### Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:10135-621-01	100 in 1 BOTTLE; Type 0: Not a Combination Product	10/01/2016	

### Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
unapproved drug other		10/01/2016	

**Labeler** - Marlex Pharmaceuticals Inc (782540215)

Revised: 2/2021

Marlex Pharmaceuticals Inc