

**ATROPINE- atropine sulfate solution/ drops**  
**Amneal Pharmaceuticals NY LLC**

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**HIGHLIGHTS OF PRESCRIBING INFORMATION**

**These highlights do not include all the information needed to use ATROPINE SULFATE OPHTHALMIC SOLUTION safely and effectively. See full prescribing information for ATROPINE SULFATE OPHTHALMIC SOLUTION.**

**ATROPINE SULFATE ophthalmic solution**

**Initial U.S. Approval: 1960**

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**INDICATIONS AND USAGE**-----

Atropine is an anti-muscarinic agent indicated for:

- Cycloplegia (1.1)
- Mydriasis (1.2)
- Penalization of the healthy eye in the treatment of amblyopia. (1.3)

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**DOSAGE AND ADMINISTRATION**-----

- In individuals from three (3) months of age or greater, 1 drop topically to the cul-de-sac of the conjunctiva, forty minutes prior to the intended maximal dilation time. (2.1)
- In individuals 3 years of age or greater, doses may be repeated up to twice daily as needed. (2.2)

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**DOSAGE FORMS AND STRENGTHS**-----

1% ophthalmic solution. (3)

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**CONTRAINDICATIONS**-----

Hypersensitivity or allergic reaction to any ingredient in formulation. (4.1)

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**WARNINGS AND PRECAUTIONS**-----

- Photophobia and blurred vision due to pupil unresponsiveness and cycloplegia may last up to 2 weeks. (5.1)
- Risk of blood pressure increase from systemic absorption. (5.2)

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**ADVERSE REACTIONS**-----

Most common adverse reactions that have been reported are eye pain and stinging on administration, blurred vision, photophobia, decreased lacrimation, increased heart rate and blood pressure. (6)

**To report SUSPECTED ADVERSE REACTIONS, contact Amneal Pharmaceuticals at 1-877-835-5472 or FDA at 1-800-FDA-1088 or [www.fda.gov/medwatch](http://www.fda.gov/medwatch).**

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**DRUG INTERACTIONS**-----

The use of atropine and monoamine oxidase inhibitors (MAOI) is generally not recommended because of the potential to precipitate hypertensive crisis. (7)

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**USE IN SPECIFIC POPULATIONS**-----

Should only be used in pregnant women if clearly needed. (8)

**See 17 for PATIENT COUNSELING INFORMATION.**

**Revised: 9/2021**

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\* Sections or subsections omitted from the full prescribing information are not listed.

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## **FULL PRESCRIBING INFORMATION**

### **1 INDICATIONS AND USAGE**

Atropine sulfate ophthalmic solution, 1% is indicated for:

#### **1.1 Cycloplegia**

#### **1.2 Mydriasis**

#### **1.3 Penalization of the Healthy Eye in the Treatment of Amblyopia**

### **2 DOSAGE AND ADMINISTRATION**

In individuals from three (3) months of age or greater, 1 drop topically to the cul-de-sac of the conjunctiva, forty minutes prior to the intended maximal dilation time.

In individuals 3 years of age or greater, doses may be repeated up to twice daily as needed.

### **3 DOSAGE FORMS AND STRENGTHS**

Atropine Sulfate Ophthalmic Solution USP, 1%: each mL contains 10 mg of atropine sulfate, USP equivalent to 8.3 mg of atropine.

### **4 CONTRAINDICATIONS**

#### **4.1 Hypersensitivity to any Component of this Medication**

Atropine sulfate ophthalmic solution should not be used in anyone who has demonstrated a previous hypersensitivity or known allergic reaction to any ingredient of the formulation because it may recur.

### **5 WARNINGS AND PRECAUTIONS**

#### **5.1 Photophobia and Blurred Vision**

Photophobia and blurred vision due to pupil unresponsiveness and cycloplegia may last up to 2 weeks.

#### **5.2 Elevation of Blood Pressure**

Elevation in blood pressure from systemic absorption has been reported following conjunctival instillation of recommended doses of atropine sulfate ophthalmic solution, 1%.

### **6 ADVERSE REACTIONS**

The following serious adverse reactions are described below and elsewhere in the labeling:

- Photophobia and Blurred Vision [*see Warnings and Precautions (5.1)*].
- Elevation in Blood Pressure [*see Warnings and Precautions (5.2)*].

The following adverse reactions have been identified following use of atropine sulfate ophthalmic solution. Because these reactions are reported voluntarily from a population of uncertain size, it is not always possible to reliably estimate their frequency or establish a causal relationship to drug exposure.

#### **6.1 Ocular Adverse Reactions**

Eye pain and stinging occurs upon instillation of atropine sulfate ophthalmic solution. Other commonly occurring adverse reactions include, blurred vision, photophobia, superficial keratitis and decreased lacrimation. Allergic reactions such as papillary conjunctivitis, contact dermatitis, and lid edema may also occur less commonly.

#### **6.2 Systemic Adverse Reactions**

Systemic effects of atropine are related to its anti-muscarinic activity. Systemic adverse events reported include dryness of skin, mouth, and throat from decreased secretions from mucus membranes; restlessness, irritability or delirium from stimulation of the

central nervous system; tachycardia; flushed skin of the face and neck.

## **7 DRUG INTERACTIONS**

### **7.1 Monoamine Oxidase Inhibitors (MAOI)**

The use of atropine and monoamine oxidase inhibitors (MAOI) is generally not recommended because of the potential to precipitate hypertensive crisis.

## **8 USE IN SPECIFIC POPULATIONS**

### **8.1 Pregnancy**

Pregnancy Category C:

There are no adequate and well-controlled studies of atropine sulfate in pregnant women. Animal development and reproduction studies have not been conducted with atropine sulfate. Since it is not known whether topically administered atropine sulfate can cause fetal harm, atropine sulfate ophthalmic solution, 1% should only be used during pregnancy if the potential benefit justifies the potential risk to the fetus.

### **8.3 Nursing Mothers**

Traces of atropine have been found in human milk following administration of atropine solution for injection. Because some systemic absorption occurs from topical administration, caution should be exercised when atropine sulfate ophthalmic solution, 1% is administered to a nursing woman.

### **8.4 Pediatric Use**

Due to the potential for systemic absorption of atropine sulfate ophthalmic solution, the use of atropine sulfate ophthalmic solution, 1% in children under the age of 3 months is not recommended and the use in children under 3 years of age should be limited to no more than one drop per eye per day.

### **8.5 Geriatric Use**

No overall differences in safety and effectiveness have been observed between elderly and younger adult patients.

## **10 OVERDOSAGE**

In the event of accidental ingestion or toxic overdosage with atropine sulfate ophthalmic solution supportive care may include a short acting barbiturate or diazepam as needed to control marked excitement and convulsions. Large doses for sedation should be avoided because central depressant action may coincide with the depression occurring late in atropine poisoning. Central stimulants are not recommended.

Physostigmine, given by slow intravenous injection of 1 mg to 4 mg (0.5 mg to 1 mg in pediatric populations), rapidly abolishes delirium and coma caused by large doses of atropine. Since physostigmine is rapidly destroyed, the patient may again lapse into

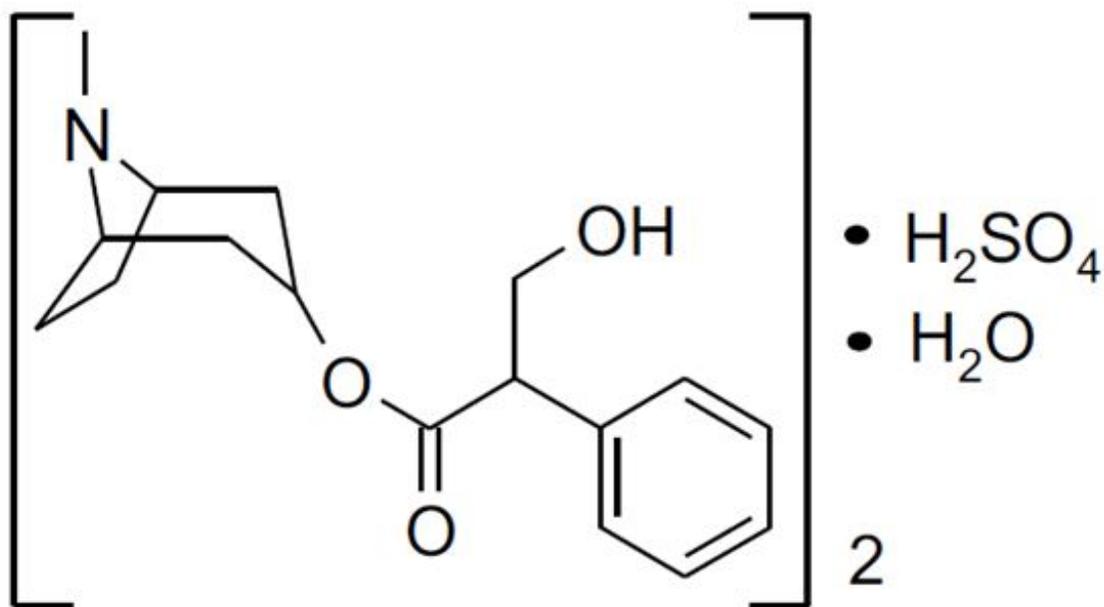
coma after one to two hours, and repeated doses may be required.

Artificial respiration with oxygen may be necessary. Cooling measures may be needed to help to reduce fever, especially in pediatric populations.

The fatal adult dose of atropine is not known. In pediatric populations, 10 mg or less may be fatal.

## 11 DESCRIPTION

Atropine Sulfate Ophthalmic Solution USP, 1% is a sterile topical anticholinergic for ophthalmic use. The active ingredient is represented by the chemical structure.



**Chemical Name:** Benzeneacetic acid,  $\alpha$ -(hydroxymethyl)-, 8-methyl-8-azabicyclo-[3.2.1]oct-3-yl ester, *endo* -(±), sulfate (2:1) (salt), monohydrate.

**Molecular Formula:**  $(\text{C}_{17}\text{H}_{23}\text{NO}_3)_2 \cdot \text{H}_2\text{SO}_4 \cdot \text{H}_2\text{O}$

**Molecular Weight:** 694.83 g/mol

Each mL of atropine sulfate ophthalmic solution USP, 1% contains:

**Active:** atropine sulfate, USP 10 mg equivalent to 8.3 mg of atropine.

**Inactives:** benzalkonium chloride 0.1 mg (0.01%), dibasic sodium phosphate, edetate disodium, hypromellose (2910), monobasic sodium phosphate, hydrochloric acid and/or sodium hydroxide may be added to adjust pH (3.5 to 6.0) and water for injection USP.

## 12 CLINICAL PHARMACOLOGY

### 12.1 Mechanism of Action

Atropine is a reversible antagonist of muscarine-like actions of acetylcholine and is therefore classified as an antimuscarinic agent. Atropine is relatively selective for

muscarinic receptors. Its potency at nicotinic receptors is much lower, and actions at non-muscarinic receptors are generally undetectable clinically. Atropine does not distinguish among the M1, M2, and M3 subgroups of muscarinic receptors.

The pupillary constrictor muscle depends on muscarinic cholinergic activation. This activation is blocked by topical atropine resulting in unopposed sympathetic dilator activity and mydriasis. Atropine also weakens the contraction of the ciliary muscle, or cycloplegia. Cycloplegia results in loss of the ability to accommodate such that the eye cannot focus for near vision.

## 12.2 Pharmacodynamics

The onset of action after administration of atropine sulfate ophthalmic solution, 1%, is usually within 40 minutes with maximal effect being reached in about 2 hours. The effect can last for up to 2 weeks in a normal eye.

## 12.3 Pharmacokinetics

The bioavailability of atropine sulfate ophthalmic solution, 1% was assessed in six healthy subjects, 24 to 29 years of age. Subjects received either 0.3 mg atropine sulfate administered as bolus intravenous injection or 0.3 mg administered as 30  $\mu$ L instilled unilaterally in the cul-de-sac of the eye. Plasma l-hyoscyamine concentrations were determined over selected intervals up to eight hours after dose administration.

The mean bioavailability of topically applied atropine was  $63.5 \pm 29\%$  (range 19% to 95%) with large inter-individual differences. Mean maximum observed plasma concentration for the ophthalmic solution was  $288 \pm 73$  pg/mL. Maximum concentration was reached in  $28 \pm 27$  min after administration. Terminal half-life of l-hyoscyamine was not affected by route of administration and was calculated to be  $3 \pm 1.2$  hours (intravenous) and  $2.5 \pm 0.8$  hours (topical ophthalmic).

In another placebo-controlled study, the systemic exposure to l-hyoscyamine, and the anti-cholinergic effects of atropine were investigated in eight ocular surgery patients 56 to 66 years of age, following single topical ocular 0.4 mg atropine dose (given as 40 microliters of atropine sulfate ophthalmic solution, 1%). The mean ( $\pm$  standard deviation (SD))  $C_{max}$  of l-hyoscyamine in these patients was  $860 \pm 402$  pg/mL, achieved within 8 minutes of eyedrop instillation.

Following intravenous administration, the mean ( $\pm$  SD) elimination half-life ( $t_{1/2}$ ) of atropine was reported to be longer in pediatric subjects under 2 years ( $6.9 \pm 3.3$  hours) and in geriatric patients 65 to 75 years ( $10.0 \pm 7.3$  hours), compared to in children over 2 years ( $2.5 \pm 1.2$  hours) and in adults 16 to 58 years ( $3.0 \pm 0.9$  hours) (see 8.4 *Pediatric Use*).

Atropine is destroyed by enzymatic hydrolysis, particularly in the liver; from 13% to 50% is excreted unchanged in the urine. Traces are found in various secretions, including milk. The major metabolites of atropine are noratropine, atropin-n-oxide, tropine, and tropic acid. Atropine readily crosses the placental barrier and enters the fetal circulation, but is not found in amniotic fluid.

Atropine binds poorly (about 44%) to plasma protein, mainly to  $\alpha$ -1 acid glycoprotein; age has no effect on the serum protein binding of atropine. Atropine binding to  $\alpha$ -1 acid glycoprotein was concentration dependent (2 mcg/mL to 20 mcg/mL) and nonlinear *in vitro* and *in vivo*. There is no gender effect on the

pharmacokinetics of atropine administered by injection.

## **13 NONCLINICAL TOXICOLOGY**

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

Atropine sulfate was negative in the Salmonella/microsome mutagenicity test. Studies to evaluate carcinogenicity and impairment of fertility have not been conducted.

## **14 CLINICAL STUDIES**

Topical administration of atropine sulfate ophthalmic solution, 1% results in cycloplegia and mydriasis which has been demonstrated in several controlled clinical studies in adults and pediatric patients. Maximal mydriasis usually occurs in about 40 minutes and maximal cycloplegia is usually achieved in about 60 to 90 minutes after single administration. Full recovery usually occurs in approximately one week, but may last a couple of weeks.

## **16 HOW SUPPLIED/STORAGE AND HANDLING**

Atropine Sulfate Ophthalmic Solution USP, 1% is supplied sterile in white opaque low density polyethylene plastic bottles and natural low density polyethylene tips with red high density polyethylene caps in the following sizes:

2 mL in 5 mL Container: NDC 60219-1748-2

5 mL in 5 mL Container: NDC 60219-1749-3

15 mL in 15 mL Container: NDC 60219-1750-8

**Storage:** Store at 20° to 25°C (68° to 77°F) [See USP Controlled Room Temperature]. Keep tightly closed.

## **17 PATIENT COUNSELING INFORMATION**

Advise patients not to touch the dropper tip to any surface as this may contaminate the solution.

Advise patients that drops will sting upon instillation and advise patients that they will experience sensitivity to light and blurred vision which may last for a couple of weeks.

Manufactured by:

**Amneal Pharmaceuticals Pvt. Ltd.**

**Parenteral Unit**

Ahmedabad 382213, INDIA

Distributed by:

**Amneal Pharmaceuticals LLC**

Bridgewater, NJ 08807

Rev. 09-2021-00

**PRINCIPAL DISPLAY PANEL**

**NDC 60219-1748-2**

**Atropine Sulfate Ophthalmic Solution USP, 1%  
2 mL**

**Rx only**

**Amneal Pharmaceuticals LLC**

<b>Unvarnished Area for, (6 x 14 mm)</b>	NDC 60219-1748-2 <b>Rx only</b>	<b>Each mL contains:</b>	 (01) 0 0360219 17482 5	<b>Unvarnished Area for, Lot. &amp; Exp. (10 x 14 mm)</b>
	<b>Atropine Sulfate Ophthalmic Solution, USP 1%</b> <b>FOR TOPICAL APPLICATION TO THE EYE</b> 2 mL <b>Sterile</b>	<b>Active:</b> Atropine Sulfate, USP 10 mg (1%), the amount of atropine in 10 mg of atropine sulfate is 8.3 mg. <b>Preservative:</b> Benzalkonium Chloride 0.1 mg (0.01%). <b>Storage:</b> Store at 20° to 25°C (68° to 77°F) [See USP Controlled Room Temperature]. Keep tightly closed. <b>WARNING - KEEP OUT OF THE REACH OF CHILDREN.</b> Distributed by: <b>Amneal Pharmaceuticals LLC</b>		

Made in INDIA.  
Rev. 04-2024-03  
Mfg. Lic. No. G/28/1539

Space for UPs No.

PMI-0818

Variable data of GTIN, Lot, Exp and  
unique serial no. on each carton  
with 2D data matrix shall be printed.  
38 x 35 mm

NDC 60219-1748-2

**Atropine Sulfate  
Ophthalmic  
Solution, USP 1%**

FOR TOPICAL APPLICATION  
TO THE EYE

Sterile

2 mLRx only



Each mL contains:  
**Active:**  
Atropine Sulfate, USP 10 mg (1%),  
the amount of atropine in 10 mg of  
atropine sulfate is 8.3 mg.  
**Inactives:**  
Benzalkonium chloride 0.1 mg (0.01%),  
dibasic sodium phosphate, edetate  
disodium, hypromellose 2910,  
monobasic sodium phosphate,  
hydrochloric acid and/or sodium  
hydroxide may be added to adjust pH  
(3.5 to 6.0) and water for injection, USP.  
**Usual Dosage:**  
See package insert for dosage  
information.  
**Storage:**  
Store at 20° to 25°C (68° to 77°F)  
[See USP Controlled Room  
Temperature]. Keep tightly closed.

NDC 60219-1748-2

**Atropine Sulfate  
Ophthalmic  
Solution, USP 1%**

FOR TOPICAL APPLICATION  
TO THE EYE

Sterile

2 mLRx only



**WARNING - KEEP OUT OF THE  
REACH OF CHILDREN.**

Mfg. Lic. No. G/28/1539

Manufactured by:  
**Amneal Pharmaceuticals Pvt. Ltd.  
Parenteral Unit**  
Ahmedabad 382213, INDIA

Distributed by:  
**Amneal Pharmaceuticals LLC**  
Bridgewater, NJ 08807

Rev. 06-2022-01

  
N 3 60219 17482 5

NDC 60219-1748-2

**Atropine Sulfate  
Ophthalmic  
Solution, USP 1%**

FOR TOPICAL APPLICATION TO THE EYE

Sterile

2 mLRx only

**NDC 60219-1749-3**  
**Atropine Sulfate Ophthalmic Solution USP, 1%**  
**5 mL**  
**Rx only**  
**Amneal Pharmaceuticals LLC**

Unvarnished Area for,  
(6 x 14 mm)

NDC 60219-1749-3    Rx only

**Atropine Sulfate  
Ophthalmic  
Solution, USP 1%**

FOR TOPICAL APPLICATION  
TO THE EYE

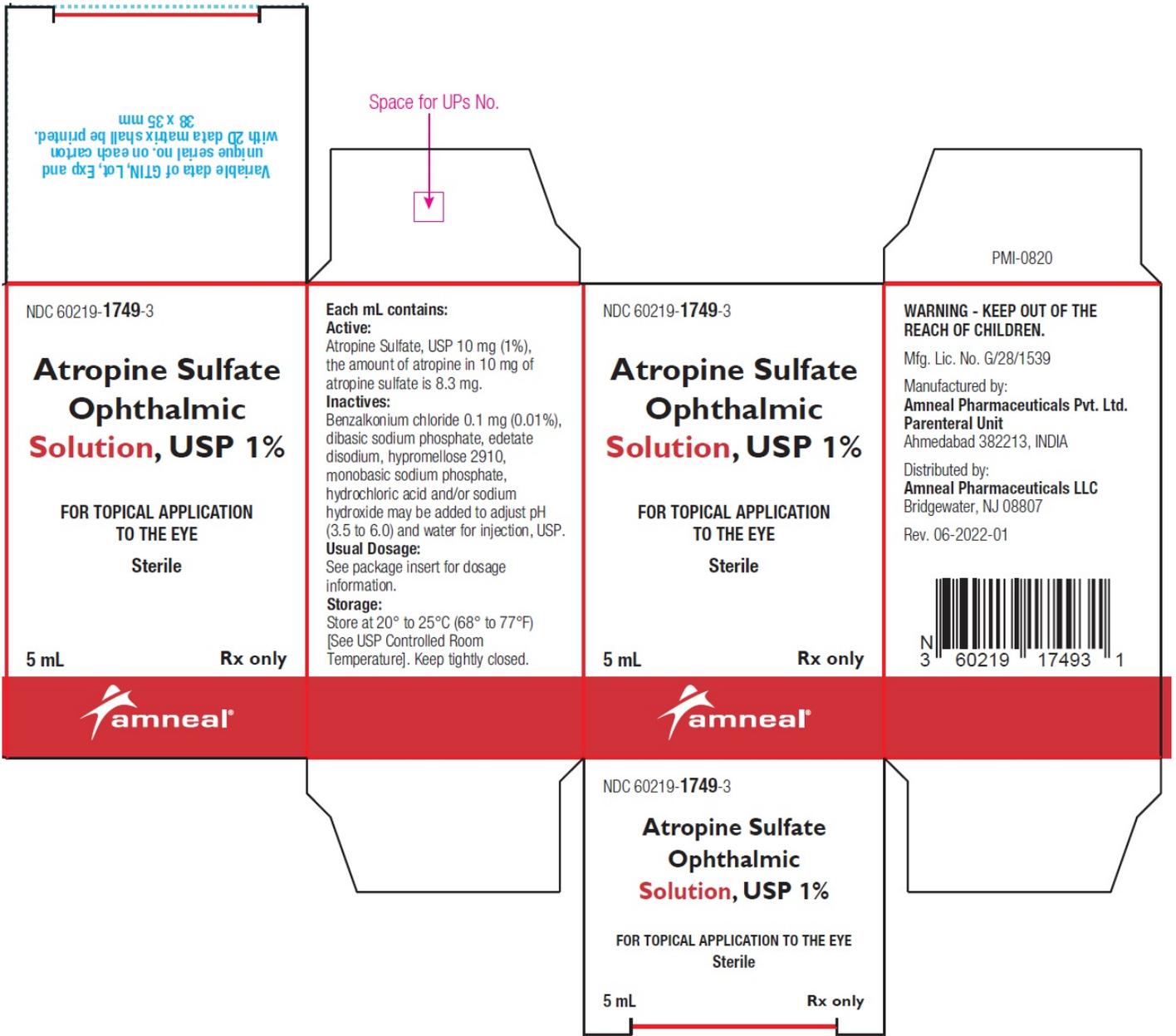
5 mLSterile

Each mL contains:  
**Active:** Atropine Sulfate, USP 10 mg (1%), the amount  
of atropine in 10 mg of atropine sulfate is 8.3 mg.  
**Preservative:** Benzalkonium Chloride 0.1 mg (0.01%).  
**Storage:** Store at 20° to 25°C (68° to 77°F) [See USP  
Controlled Room Temperature]. Keep tightly closed.  
**WARNING - KEEP OUT OF THE REACH OF CHILDREN.**  
Distributed by: **Amneal Pharmaceuticals LLC**

Unvarnished Area for,  
Lot. & Exp.  
(10 x 14 mm)

  
(01) 0 0360219 17493 1

Made in INDIA  
 Rev. 04-2024-03  
 Mfg. Lic. No. G/28/1539



**NDC 60219-1750-8**  
**Atropine Sulfate Ophthalmic Solution USP, 1%**  
**15 mL**  
**Rx only**  
**Amneal Pharmaceuticals LLC**

NDC 60219-1750-8

Rx only

Each mL contains:

**Active:** Atropine Sulfate, USP 10 mg (1%),  
the amount of atropine in 10 mg of  
atropine sulfate is 8.3 mg.

**Preservative:** Benzalkonium Chloride  
0.1 mg (0.01%).

**Usual Dosage:** See package insert for  
dosage information.

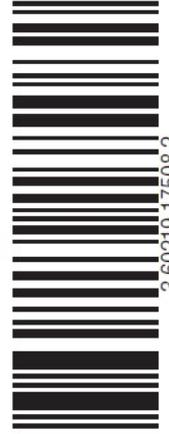
**Storage:** Store at 20° to 25°C (68° to 77°F)  
[See USP Controlled Room Temperature].  
Keep tightly closed.

**WARNING - KEEP OUT OF THE REACH OF  
CHILDREN.**

Mfg. Lic. No. G/28/1539

Distributed by: **Amneal Pharmaceuticals LLC**  
Made in INDIA.

Rev. 04-2024-03



Unvarnished Area for,  
Lot. & Exp.  
(10 x 28 mm)

Unvarnished Area for,  
(6 x 28 mm)

# Atropine Sulfate Ophthalmic Solution, USP 1%

**FOR TOPICAL APPLICATION  
TO THE EYE**

**15 mL**

**Sterile**



## ATROPINE

atropine sulfate solution/ drops

### Product Information

<b>Product Type</b>	HUMAN PRESCRIPTION DRUG	<b>Item Code (Source)</b>	NDC:60219-1748
<b>Route of Administration</b>	OPHTHALMIC		

**Active Ingredient/Active Moiety**

Ingredient Name	Basis of Strength	Strength
<b>ATROPINE SULFATE</b> (UNII: 03J5ZE7KA5) (ATROPINE - UNII:7C0697DR9I)	ATROPINE SULFATE	10 mg in 1 mL

### Inactive Ingredients

Ingredient Name	Strength
<b>BENZALKONIUM CHLORIDE</b> (UNII: F5UM2KM3W7)	
<b>SODIUM PHOSPHATE, DIBASIC</b> (UNII: GR686LBA74)	
<b>EDETATE DISODIUM</b> (UNII: 7FLD91C86K)	
<b>HYPROMELLOSE 2910 (4000 MPA.S)</b> (UNII: RN3152OP35)	
<b>SODIUM PHOSPHATE, MONOBASIC</b> (UNII: 3980JH2SW)	
<b>HYDROCHLORIC ACID</b> (UNII: QTT17582CB)	
<b>SODIUM HYDROXIDE</b> (UNII: 55X04QC32I)	
<b>WATER</b> (UNII: 059QF0KO0R)	

### Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:60219-1748-2	1 in 1 CARTON	07/19/2022	
1		2 mL in 1 BOTTLE, DROPPER; Type 0: Not a Combination Product		

### Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
ANDA	ANDA214752	07/19/2022	

## ATROPINE

atropine sulfate solution/ drops

### Product Information

<b>Product Type</b>	HUMAN PRESCRIPTION DRUG	<b>Item Code (Source)</b>	NDC:60219-1749
<b>Route of Administration</b>	OPHTHALMIC		

### Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
<b>ATROPINE SULFATE</b> (UNII: 03J5ZE7KA5) (ATROPINE - UNII:7C0697DR9I)	ATROPINE SULFATE	10 mg in 1 mL

### Inactive Ingredients

Ingredient Name	Strength
<b>BENZALKONIUM CHLORIDE</b> (UNII: F5UM2KM3W7)	

<b>SODIUM PHOSPHATE, DIBASIC</b> (UNII: GR686LBA74)
<b>EDETATE DISODIUM</b> (UNII: 7FLD91C86K)
<b>HYPROMELLOSE 2910 (4000 MPA.S)</b> (UNII: RN3152OP35)
<b>SODIUM PHOSPHATE, MONOBASIC</b> (UNII: 3980JH2SW)
<b>HYDROCHLORIC ACID</b> (UNII: QTT17582CB)
<b>SODIUM HYDROXIDE</b> (UNII: 55X04QC32I)
<b>WATER</b> (UNII: 059QF0KO0R)

### Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:60219-1749-3	1 in 1 CARTON	07/19/2022	
1		5 mL in 1 BOTTLE, DROPPER; Type 0: Not a Combination Product		

### Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
ANDA	ANDA214752	07/19/2022	

## ATROPINE

atropine sulfate solution/ drops

### Product Information

<b>Product Type</b>	HUMAN PRESCRIPTION DRUG	<b>Item Code (Source)</b>	NDC:60219-1750
<b>Route of Administration</b>	OPHTHALMIC		

### Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
<b>ATROPINE SULFATE</b> (UNII: 03J5ZE7KA5) (ATROPINE - UNII:7C0697DR9I)	ATROPINE SULFATE	10 mg in 1 mL

### Inactive Ingredients

Ingredient Name	Strength
<b>BENZALKONIUM CHLORIDE</b> (UNII: F5UM2KM3W7)	
<b>SODIUM PHOSPHATE, DIBASIC</b> (UNII: GR686LBA74)	
<b>EDETATE DISODIUM</b> (UNII: 7FLD91C86K)	
<b>HYPROMELLOSE 2910 (4000 MPA.S)</b> (UNII: RN3152OP35)	
<b>SODIUM PHOSPHATE, MONOBASIC</b> (UNII: 3980JH2SW)	
<b>HYDROCHLORIC ACID</b> (UNII: QTT17582CB)	
<b>SODIUM HYDROXIDE</b> (UNII: 55X04QC32I)	
<b>WATER</b> (UNII: 059QF0KO0R)	

## Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:60219-1750-8	1 in 1 CARTON	07/19/2022	
1		15 mL in 1 BOTTLE, DROPPER; Type 0: Not a Combination Product		

## Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
ANDA	ANDA214752	07/19/2022	

**Labeler** - Amneal Pharmaceuticals NY LLC (123797875)

## Establishment

Name	Address	ID/FEI	Business Operations
Amneal Pharmaceuticals Private Limited		860156658	analysis(60219-1748, 60219-1749, 60219-1750) , manufacture(60219-1748, 60219-1749, 60219-1750) , pack(60219-1748, 60219-1749, 60219-1750) , sterilize(60219-1748, 60219-1749, 60219-1750)

Revised: 9/2021

Amneal Pharmaceuticals NY LLC