

**SULFACETAMIDE SODIUM- sulfacetamide sodium solution/ drops**  
**Bausch & Lomb Incorporated**

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**Sulfacetamide Sodium**  
**Ophthalmic Solution, USP**

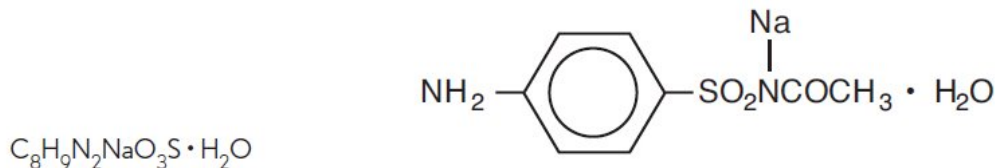
**10%**  
**(Sterile)**

**Rx only**

**FOR TOPICAL EYE USE ONLY**

**DESCRIPTION**

Sulfacetamide sodium ophthalmic solution USP, 10% is a sterile, topical antibacterial agent for ophthalmic use. The active ingredient is represented by the following structural formula:



**Chemical name:** *N*-Sulfanilylacetylamide monosodium salt monohydrate.

**Each mL contains:**

Active: sulfacetamide sodium, 100 mg/mL (10%);

Inactives: methylcellulose, purified water, sodium thiosulfate. Sodium phosphate monobasic may be added to adjust pH (6.8-8.0).

Preservatives: methylparaben 0.05% and propylparaben 0.01%. The osmolality range is 700-1300 mOsm/kg.

**CLINICAL PHARMACOLOGY**

**Microbiology:** The sulfonamides are bacteriostatic agents and the spectrum of activity is similar for all. Sulfonamides inhibit bacterial synthesis of dihydrofolic acid by preventing the condensation of the pteridine with aminobenzoic acid through competitive inhibition of the enzyme dihydropteroate synthetase. Resistant strains have altered dihydropteroate synthetase with reduced affinity for sulfonamides or produce increased quantities of aminobenzoic acid.

Topically applied sulfonamides are considered active against susceptible strains of the following common bacterial eye pathogens: *Escherichia coli*, *Staphylococcus aureus*, *Streptococcus pneumoniae*, *Streptococcus* (viridans group), *Haemophilus influenzae*, *Klebsiella* species, and *Enterobacter* species.

Topically applied sulfonamides do not provide adequate coverage against *Neisseria* species, *Serratia marcescens* and *Pseudomonas aeruginosa*. A significant percentage of staphylococcal isolates are completely resistant to sulfa drugs.

## **INDICATIONS AND USAGE**

Sulfacetamide sodium ophthalmic solution USP, 10% is indicated for the treatment of conjunctivitis and other superficial ocular infections due to susceptible microorganisms, and as an adjunctive in systemic sulfonamide therapy of trachoma: *Escherichia coli*, *Staphylococcus aureus*, *Streptococcus pneumoniae*, *Streptococcus* (viridans group), *Haemophilus influenzae*, *Klebsiella* species, and *Enterobacter* species.

Topically applied sulfonamides do not provide adequate coverage against *Neisseria* species, *Serratia marcescens* and *Pseudomonas aeruginosa*. A significant percentage of staphylococcal isolates are completely resistant to sulfa drugs.

## **CONTRAINDICATIONS**

Sulfacetamide sodium ophthalmic solution USP, 10% is contraindicated in individuals who have a hypersensitivity to sulfonamides or to any ingredient of the preparation.

## **WARNINGS**

FOR TOPICAL EYE USE ONLY - NOT FOR INJECTION.

FATALITIES HAVE OCCURRED, ALTHOUGH RARELY, DUE TO SEVERE REACTIONS TO SULFONAMIDES INCLUDING STEVENS-JOHNSON SYNDROME, TOXIC EPIDERMAL NECROLYSIS, FULMINANT HEPATIC NECROSIS, AGRANULOCYTOSIS, APLASTIC ANEMIA AND OTHER BLOOD DYSCRASIAS. Sensitizations may recur when a sulfonamide is readministered, irrespective of the route of administration. Sensitivity reactions have been reported in individuals with no prior history of sulfonamide hypersensitivity. At the first sign of hypersensitivity, skin rash or other serious reaction, discontinue use of this preparation.

## **PRECAUTIONS**

### **General**

Prolonged use of topical antibacterial agents may give rise to overgrowth of nonsusceptible organisms including fungi. Bacterial resistance to sulfonamides may also develop.

The effectiveness of sulfonamides may be reduced by the para-aminobenzoic acid present in purulent exudates.

Sensitization may recur when a sulfonamide is readministered irrespective of the route of administration and cross-sensitivity between different sulfonamides may occur.

At the first sign of hypersensitivity, increase in purulent discharge, or aggravation of inflammation or pain, the patient should discontinue use of the medication and consult a physician (see **WARNINGS**).

### **Information for Patients**

To avoid contamination, do not touch tip of container to the eye, eyelid or any surface.

### **Drug Interactions**

Sulfacetamide preparations are incompatible with silver preparations.

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

No studies have been conducted in animals or in humans to evaluate the possibility of these effects with ocularly administered sulfacetamide. Rats appear to be especially susceptible to the goitrogenic effects of sulfonamides, and long-term oral administration of sulfonamides has resulted in thyroid malignancies in these animals.

### **Pregnancy**

Animal reproduction studies have not been conducted with sulfonamide ophthalmic preparations. Kernicterus may occur in the newborn as a result of treatment of a pregnant woman at term with orally administered sulfonamides. There are no adequate and well-controlled studies of sulfonamide ophthalmic preparations in pregnant women, and it is not known whether topically applied sulfonamides can cause fetal harm when administered to a pregnant woman. This product should be used in pregnancy only if the potential benefit justifies the potential risk to the fetus.

### **Nursing Mothers**

Systemically administered sulfonamides are capable of producing kernicterus in infants of lactating women. Because of the potential for the development of kernicterus in neonates, a decision should be made whether to discontinue nursing or discontinue the drug taking into account the importance of the drug to the mother.

### **Pediatric Use**

Safety and effectiveness in infants below the age of two months have not been established.

## **ADVERSE REACTIONS**

Bacterial and fungal corneal ulcers have developed during treatment with sulfonamide ophthalmic preparations.

The most frequently reported reactions are local irritation, stinging and burning. Less commonly reported reactions include non-specific conjunctivitis, conjunctival hyperemia, secondary infections and allergic reactions.

Fatalities have occurred, although rarely, due to severe reactions to sulfonamides

including Stevens-Johnson syndrome, toxic epidermal necrolysis, fulminant hepatic necrosis, agranulocytosis, aplastic anemia, and other blood dyscrasias (see **WARNINGS**).

**To report SUSPECTED ADVERSE REACTIONS, contact Bausch & Lomb Incorporated at 1-800-553-5340 or FDA at 1-800-FDA-1088 or [www.fda.gov/medwatch](http://www.fda.gov/medwatch).**

## **DOSAGE AND ADMINISTRATION**

**For conjunctivitis and other superficial ocular infections:** Instill one or two drops into the conjunctival sac(s) of the affected eye(s) every two to three hours initially. Dosages may be tapered by increasing the time interval between doses as the condition responds. The usual duration of treatment is seven to ten days.

**For trachoma:** Instill two drops into the conjunctival sac(s) of the affected eye(s) every two hours. Topical administration must be accompanied by systemic administration.

## **HOW SUPPLIED**

Sulfacetamide sodium ophthalmic solution USP, 10% is supplied in a plastic squeeze bottle with a controlled drop tip in the following size:

NDC 24208-670-04      15 mL bottle

DO NOT USE IF IMPRINTED "Protective Seal" WITH YELLOW  IS NOT INTACT.

**Storage: Store between 2°C to 25°C (36°F to 77°F).**

Sulfonamide solutions, on long standing, will darken in color and should be discarded.

**Keep out of reach of children.**

### **Distributed by:**

Bausch & Lomb Americas Inc.  
Bridgewater, NJ 08807 USA

### **Manufactured by:**

Bausch & Lomb Incorporated  
Tampa, FL 33637 USA

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Revised: August 2023

9113204 (Folded)

9113304 (Flat)

## **PACKAGE/LABEL PRINCIPAL DISPLAY PANEL**

**NDC 24208-670-04**

**Sulfacetamide  
Sodium  
Ophthalmic  
Solution, USP  
10%  
(Sterile)**

**FOR TOPICAL  
EYE USE ONLY**

Eye image symbol

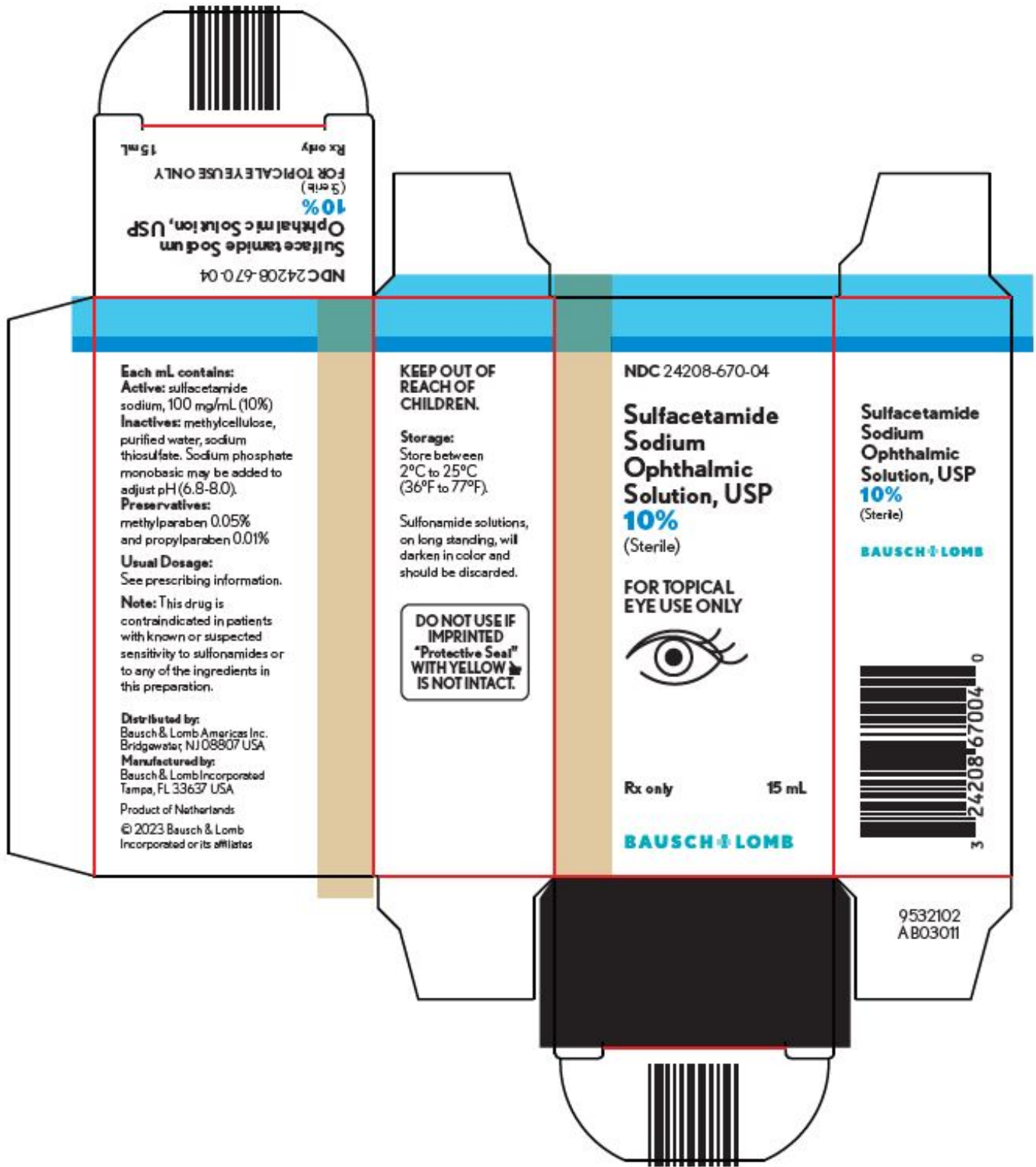
**Rx only**

15 mL

**BAUSCH + LOMB**

9532102

AB0301



## SULFACETAMIDE SODIUM

sulfacetamide sodium solution/ drops

### Product Information

<b>Product Type</b>	HUMAN PRESCRIPTION DRUG	<b>Item Code (Source)</b>	NDC:24208-670
<b>Route of Administration</b>	OPHTHALMIC		

**Active Ingredient/Active Moiety**

Ingredient Name	Basis of Strength	Strength
<b>SULFACETAMIDE SODIUM</b> (UNII: 4NRT660KJQ) (SULFACETAMIDE - UNII:4965G3J0F5)	SULFACETAMIDE SODIUM	100 mg in 1 mL

**Inactive Ingredients**

Ingredient Name	Strength
<b>METHYLCELLULOSE (100 MPA.S)</b> (UNII: 4GFU244C4J)	
<b>WATER</b> (UNII: 059QF0KO0R)	
<b>SODIUM THIOSULFATE</b> (UNII: HX1032V43M)	
<b>SODIUM PHOSPHATE, MONOBASIC, ANHYDROUS</b> (UNII: KH7I04HPUU)	
<b>METHYLPARABEN</b> (UNII: A2I8C7HI9T)	
<b>PROPYLPARABEN</b> (UNII: Z8IX2SC1OH)	

**Packaging**

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:24208-670-04	1 in 1 CARTON	12/28/1994	
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	ANDA040066	12/28/1994	

**Labeler** - Bausch & Lomb Incorporated (196603781)**Establishment**

Name	Address	ID/FEI	Business Operations
Bausch & Lomb Incorporated		079587625	MANUFACTURE(24208-670)

Revised: 8/2023

Bausch &amp; Lomb Incorporated