SAFETY DATA SHEETS

This SDS packet was issued with item:

078949202

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078928558 078929545 078937547

Safety Data Sheet



Section 1: Identification

Product identifier

Product Name

 Dorzolamide Hydrochloride / Timolol Maleate Ophthalmic Solution

Product Code

AB48609; Core No. 486; NDC 24208-0486-10

Relevant identified uses of the substance or mixture and uses advised against

Recommended use

 Finshed Pharmaceutical Product; Dorzolamide HCI/Timolol Maleate Ophthalmic Solution is indicated for the reduction of elevated intraocular pressure in patients with open-angle glaucoma or ocular hypertension who are insufficiently responsive to betablockers.

Restrictions on use

 Refer to the product insert and/or prescribing information for restrictions on use and contraindications.

Details of the supplier of the safety data sheet

Manufacturer

Bausch & Lomb

1400 North Goodman Street Rochester, NY 14609

United States bausch.com

Telephone (General) • 1-800-553-5340

Emergency telephone number

Manufacturer 1-800-535-5053 - Infotrac

This safety data sheet is written to provide health, safety and environmental information for people handling this formulated product in the workplace. It is not intended to provide information relevant to consumer use of the product.

Section 2: Hazard Identification

UN GHS

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Classification of the substance or mixture

UN GHS

 Reproductive Toxicity 2 Skin Mild Irritation 3 Eye Mild Irritation 2B

Label elements

UN GHS

WARNING

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Hazard statements • Causes mild skin irritation Causes eve irritation

Suspected of damaging fertility or the unborn child.

Precautionary statements

Prevention • Do not handle until all safety precautions have been read and understood.

Wash thoroughly after handling.

Use personal protective equipment as required.

Response • IF ON SKIN: Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses,

if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Storage/Disposal • Keep tightly closed. Store at room temperature 20-25°C (68-77°F), to maintain product

integrity. Use before date marked on carton and/or container. Protect from light.

Dispose of content and/or container in accordance with local, regional, national, and/or

international regulations.

Other hazards

UN GHS No data available

Section 3 - Composition/Information on Ingredients

Substances

Material does not meet the criteria of a substance according to United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Mixtures

Composition				
Chemical Name Identifiers % Classifications According to Regulation/Directive			Classifications According to Regulation/Directive	
1 N Sodium Hydroxide	CAS:1310-73-2 EINECS:215-185- 5	< 1%	UN GHS: Skin Corr. 1A	
Benzalkonium Chloride	CAS:63449-41-2 EINECS:264-151- 6	0.0075%	UN GHS: Skin Corr. 1B; Acute Tox. Oral 4; Acute Tox. Dermal 4; Aquatic Acute 1	
Dorzolamide Hydrochloride	CAS:130693-82-2	2% TO 3%	UN GHS: NDA	
Hydroxyethyl Cellulose	CAS:9004-62-0	< 1%	UN GHS: Skin Irrit. 2; Eye Irrit. 2A	
Mannitol	CAS:69-65-8 EINECS:200-711- 8	1% TO 5%	UN GHS: NDA	
Sodium Citrate Dihydrate	CAS:68-04-2 EINECS:200-675- 3	< 1%	UN GHS: Eye Irrit. 2A	

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Timolol Maleate	CAS:26921-17-5 EINECS:248-111- 5	0.5% TO 1%	UN GHS: NDA
Water	CAS:7732-18-5 EINECS:231-791- 2	Balance	UN GHS: Classification criteria not met

The exact percentage of composition has been withheld as a trade secret.

Section 4: First-Aid Measures

Description of first aid measures

Inhalation

No inhalation exposure expected with this formulation under normal conditions of use.
 If signs/symptoms develop, get medical attention.

Skin

 Flush with fresh water if contact with skin or eyes. If skin irritation occurs: Get medical advice/attention.

Eye

 For accidental and non-therapeutic applications, flush eyes with copious amounts of water for at least 15 minutes. Get medical attention. If eye irritation persists: Get medical advice/attention.

Ingestion

 No specific treatment is necessary since this material is not likely to be hazardous by ingestion. If large quantities are accidentally ingested (greater than a tablespoon), get medical attention immediately.

Most important symptoms and effects, both acute and delayed

• The following adverse events have occurred either at low incidence (<1%) during clinical trials or have been reported during the use of Dorzolamide HCI Ophthalmic Solution in clinical practice where these events were reported voluntarily from a population of unknown size and frequency of occurrence cannot be determined precisely. They have been chosen for inclusion based on factors such as seriousness, frequency of reporting, possible causal connection to Dorzolamide HCI Ophthalmic Solution, or a combination of these factors: signs and symptoms of systemic allergic reactions including angioedema, bronchospasm, pruritus, and urticaria; Stevens-Johnson syndrome and toxic epidermal necrolysis; dizziness, paresthesia; ocular pain, transient myopia, choroidal detachment following filtration surgery, eyelid crusting; dyspnea; contact dermatitis, epistaxis, dry mouth and throat irritation.</p>

Indication of any immediate medical attention and special treatment needed

Notes to Physician

 Symptoms consistent with systemic administration of beta-blockers or carbonic anhydrase inhibitors may occur, including electrolyte imbalance, development of an acidotic state, dizziness, headache, shortness of breath, bradycardia, bronchospasm, cardiac arrest and possible central nervous system effects. Serum electrolyte levels (particularly potassium) and blood pH levels should be monitored.

Other information

 Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media • SMALL FIRES: Dry chemical, CO2, water spray or regular foam. LARGE FIRE: Water spray, fog or regular foam.

Unsuitable Extinguishing

No data available

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards

None known.

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Hazardous Combustion Products

None known.

Advice for firefighters

Structural firefighters' protective clothing will only provide limited protection.
 Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions

 No special controls or personal protection required under conditions of intended use. In the event of bulk spills, wear suitable protective eyewear, clothing, protective boots and protective gloves. Evacuate immediate area. Ensure adequate ventilation. Refer to Section 8.

Emergency Procedures

 Keep unauthorized personnel away. Ventilate closed spaces before entering. Stop leak if you can do it without risk.

Environmental precautions

 Prevent spilled material from entering storm sewers or drains, waterways, and contact with soil.

Methods and material for containment and cleaning up

Containment/Clean-up Measures

 Contain spilled product. For small spills, add suitable absorbent material. Scoop up and place in an appropriate liquid-tight container equipped with a tight cover for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate, liquid-tight container equipped with a tight cover for disposal.
 Dispose of in accordance with Section 13.

Section 7 - Handling and Storage

Precautions for safe handling

Handling

 No special handling is required. Refer to Section 8. Use only in accordance with product literature. Use only in accordance with product literature.

Conditions for safe storage, including any incompatibilities

Storage

 Keep tightly closed. Store at room temperature 20-25°C (68-77°F), to maintain product integrity. Use before date marked on carton and/or container. Protect from light.

Incompatible Materials or Ignition Sources

None specified.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines

 Refer to the occupational exposure limits / guidelines for the individual product components.

Exposure Limits/Guidelines						
Result ACGIH Canada Quebec NIOSH OSHA						
1 N Sodium	Ceilings	2 mg/m3 Ceiling	2 mg/m3 Ceiling	2 mg/m3 Ceiling	Not established	
Hydroxide (1310-73-2)	TWAs	Not established	Not established	Not established	2 mg/m3 TWA	

Exposure controls

Engineering Measures/Controls

 Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

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If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment

Respiratory

• In the event of a bulk spill, and where risk assessment shows that air-purifying respirators are appropriate, a NIOSH (US) or CEN (EU) -certified air-purifying respirator equipped with HEPA cartridges may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits, when adequate oxygen is present and as a backup to engineering controls. Use a positive pressure air-supplied respirator if there is any potential for an uncontrolled release or any other circumstances where air purifying respirators may not provide adequate protection.

Eye/Face

 Wear protective eyewear (goggles, face shield, or safety glasses) when handling bulk product before closed in final packaging. In the event of a spill, appropriate eye protection should be worn.

Hands

Wear appropriate gloves.

Skin/Body

No special personal protection required under conditions of intended use. In the event
of a bulk spill, wear appropriate protective clothing.

General Industrial Hygiene Considerations

Wash thoroughly after handling.

Environmental Exposure Controls

No data available

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Not relevant
Color	Not relevant	Odor	Not relevant
Odor Threshold	Not relevant	Physical and Chemical Properties	Not relevant
General Properties			
Boiling Point	No data available	Melting Point	Not relevant
Decomposition Temperature	No data available	рН	5.65
Specific Gravity/Relative Density	= 1.016	Water Solubility	Soluble
Viscosity	No data available		
Volatility			
Vapor Pressure	Not relevant	Vapor Density	Not relevant
Evaporation Rate	Not relevant		
Flammability			
Flash Point	Not relevant	UEL	Not relevant
LEL	Not relevant	Autoignition	Not relevant
Environmental			
Octanol/Water Partition coefficient	0.292 log Kow		

Section 10: Stability and Reactivity

Reactivity

No dangerous reaction known under conditions of normal use.

Chemical stability

Stable under normal temperatures and pressures.

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Possibility of hazardous reactions

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No data available

Conditions to avoid

• Extreme heat or cold. Do not freeze.

Incompatible materials

No data available

Hazardous decomposition products

No data available

Section 11 - Toxicological Information

Information on toxicological effects

	Components				
Dorzolamide Hydrochloride (2% TO 3%)	130693- 82-2	Acute Toxicity: Ingestion/Oral-Rat LD50 • 1927 mg/kg; Sense Organs and Special Senses:Eye:Ptosis; Behavioral:Somnolence (general depressed activity); Behavioral:Ataxia; Reproductive: Ingestion/Oral-Rat TDLo • 12 mg/kg (6-17D preg); Reproductive Effects:Effects on Embryo or Fetus:Fetotoxicity (except death, e.g., stunted fetus); Reproductive Effects:Specific Developmental Abnormalities:Musculoskeletal system			
Timolol Maleate (0.5% TO 1%)	26921- 17-5	Acute Toxicity: Ingestion/Oral-Rat LD50 • 1028 mg/kg			
Benzalkonium Chloride (0.0075%)	63449- 41-2	Acute Toxicity: Ingestion/Oral-Mouse LD50 • 150 mg/kg; Behavioral:Somnolence (general depressed activity); Blood:Hemorrhage			
Sodium Citrate Dihydrate (< 1%)	68-04-2	Acute Toxicity: Intravenous-Mouse LD50 • 170 mg/kg; Behavioral:Convulsions or effect on seizure threshold; Lungs, Thorax, or Respiration:Cyanosis; Gastrointestinal:Changes in structure or function of salivary glands			
Mannitol (1% TO 5%)	69-65-8	Acute Toxicity: Ingestion/Oral-Rat LD50 • 13500 mg/kg			
1 N Sodium Hydroxide (< 1%)	1310-73- 2	Acute Toxicity: Ingestion/Oral-Rabbit LDLo • 500 mg/kg			

GHS Properties	Classification
Acute toxicity	UN GHS • Classification criteria not met
Aspiration Hazard	UN GHS • Classification criteria not met
Carcinogenicity	UN GHS • Classification criteria not met
Germ Cell Mutagenicity	UN GHS • Classification criteria not met
Skin corrosion/Irritation	UN GHS • Skin Mild Irritation 3
Skin sensitization	UN GHS • Classification criteria not met
STOT-RE	UN GHS • Classification criteria not met
STOT-SE	UN GHS • Classification criteria not met
Toxicity for Reproduction	UN GHS • Toxic to Reproduction 2
Respiratory sensitization	UN GHS • Classification criteria not met
Serious eye damage/Irritation	UN GHS • Eye Mild Irritation 2B

Potential Health Effects Inhalation

Acute (Immediate)

• Under normal conditions of use, no health effects are expected.

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Chronic (Delayed)

No data available.

Skin

Acute (Immediate)

May cause mild irritation.

Chronic (Delayed)

No data available.

Eye

Acute (Immediate)

May cause irritation.

Chronic (Delayed)

 Refer to the product insert and/or product prescribing information for comprehensive information regarding adverse reactions and other important symptoms and effects. Under normal conditions of use, no health effects are expected.

Ingestion

Acute (Immediate)

 Not expected to be an exposure route. However, may cause gastric and intestinal irritation if ingested.

Chronic (Delayed)

No data available.

Carcinogenic Effects			
	CAS	NTP	
Mannitol	69-65-8	Evidence of Carcinogenicity	

Reproductive Effects

Developmental toxicity studies with dorzolamide hydrochloride in rabbits at oral doses
of × 2.5 mg/kg/day (31 times the recommended human ophthalmic dose) revealed
malformations of the vertebral bodies. These malformations occurred at doses that
caused metabolic acidosis with decreased body weight gain in dams and decreased
fetal weights. No treatment-related malformations were seen at 1.0 mg/kg/day (13
times the recommended human ophthalmic dose). There are no adequate and
wellcontrolled studies in pregnant women.

Section 12 - Ecological Information

Toxicity

This material has not been tested for environmental effects.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available

Mobility in Soil

No data available

Other adverse effects

Section 13 - Disposal Considerations

Waste treatment methods

Product waste

 Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

Packaging waste

 Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

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	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	Environmental hazards
DOT	NDA	Not regulated	NDA	NDA	NDA
TDG	NDA	Not regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not regulated	NDA	NDA	NDA

Special precautions for user • No data available

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture SARA Hazard Classifications • No data available

	Inventory				
Component	CAS	Canada DSL	EU EINECS	TSCA	
Timolol Maleate	26921-17-5	Yes	Yes	No	
Dorzolamide Hydrochloride	130693-82- 2	No	No	No	
Benzalkonium Chloride	63449-41-2	Yes	Yes	Yes	
Hydroxyethyl Cellulose	9004-62-0	Yes	No	Yes	
Mannitol	69-65-8	Yes	Yes	Yes	
1 N Sodium Hydroxide	1310-73-2	Yes	Yes	Yes	
Sodium Citrate Dihydrate	68-04-2	Yes	Yes	Yes	
Water	7732-18-5	Yes	Yes	Yes	

Canada

Canada - WHMIS - Classifications of Substances		Uncontrolled product
Sodium Citrate Dihydrate	68-04-2	Uncontrolled product according to WHMIS classification criteria
• Mannitol	69-65-8	Uncontrolled product according to WHMIS classification criteria
Benzalkonium Chloride	63449-41-2	Not Listed
• 1 N Sodium Hydroxide	1310-73-2	E (including 0.04% in aqueous solution, 0.08%, 0.4% in aqueous solution, 2%, 2.5%, 4% in aqueous solution, 5%, 10%, 16%, 20%, 40%, 50% aqueous solution, 8.7N)
Hydroxyethyl Cellulose	9004-62-0	Uncontrolled product according to WHMIS classification criteria

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• Water	7732-18-5	Uncontrolled product according to WHMIS classification criteria
Timolol Maleate	26921-17-5	Not Listed
Dorzolamide Hydrochloride	130693-82-2	Not Listed
Canada - WHMIS - Ingredient Disclosure List		
Sodium Citrate Dihydrate	68-04-2	Not Listed
Mannitol	69-65-8	Not Listed
Benzalkonium Chloride	63449-41-2	Not Listed
• 1 N Sodium Hydroxide	1310-73-2	1 %
Hydroxyethyl Cellulose	9004-62-0	Not Listed
• Water	7732-18-5	Not Listed
Timolol Maleate	26921-17-5	Not Listed
Dorzolamide Hydrochloride	130693-82-2	Not Listed

Europe

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification • Sodium Clitrate Dihydrate • Mannitol • Benzalkonium Chloride • Hydroxyethyl Cellulose • Water • Timolol Maleate • Dorzolamide Hydroxhloride • Mannitol • Benzalkonium Chloride • Water • Timolol Maleate • Mannitol • Benzalkonium Chloride • Mannitol • Benzalkonium Chloride • Benzalkonium Chloride • Water • Not Listed • Water • Not Listed • Not Listed • Not Listed • Mannitol • Benzalkonium Chloride • Benzalkonium Chloride • Benzalkonium Chloride • Mannitol • Benzalkonium Chloride • Water • Timolol Maleate • Dorzolamide Hydroxhloride • Benzalkonium Chloride • Benzalkonium Chloride • Water • Timolol Maleate • Dorzolamide Hydroxhloride • Benzalkonium Chloride • Benzalkonium Chloride • Water • Timolol Maleate • Dorzolamide Hydroxhloride • Benzalkonium Chloride • Ben	Other		
- Sodium Citrate Dihydrate 68-04-2 Not Listed - Mannitol 69-65-8 Not Listed - Benzalkonium Chloride 63449-41-2 Xri, R21/22 C; R34 N; R50 - 1 N Sodium Hydroxide 1310-73-2 C; R35 - Hydroxyethyl Cellulose 9004-62-0 Not Listed - Water 7732-18-5 Not Listed - Timolol Maleate 26921-17-5 Not Listed - Dorzolamide Hydrochloride 130693-82-2 Not Listed EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits 8-04-2 Not Listed - Sodium Citrate Dihydrate 68-04-2 Not Listed - Mannitol 69-65-8 Not Listed - Benzalkonium Chloride 63449-41-2 Not Listed - 1 N Sodium Hydroxide 1310-73-2 C; R:36 2% <=C<5%: C; R:35 2% <=C<5%: C; R:36 2% <=C	- ····		
Benzalkonium Chloride		68-04-2	Not Listed
1 N Sodium Hydroxide	Mannitol	69-65-8	Not Listed
• Hydroxyethyl Cellulose 9004-62-0 Not Listed • Water 7732-18-5 Not Listed • Timolol Maleate 26921-17-5 Not Listed • Dorzolamide Hydrochloride 130693-82-2 Not Listed EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits - 68-04-2 Not Listed • Mannitol 69-65-8 Not Listed • Mannitol 63-449-41-2 Not Listed • Benzalkonium Chloride 50-65-8 Not Listed • 1 N Sodium Hydroxide 1310-73-2 C; R:34 0.5%<=C<5%: C; R:35 2%<=C<5%: C; R:35 2%<=C<5%: C; R:34 0.5%<=C<2%: XI; R:36/38 • Hydroxyethyl Cellulose 9004-62-0 Not Listed • Water 7732-18-5 Not Listed • Dorzolamide Hydrochloride 130693-82-2 Not Listed EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling Sodium Citrate Dihydrate 68-04-2 Not Listed • Mannitol 69-65-8 Not Listed • Benzalkonium Chloride 63-449-41-2 C R:35 S:(1/2)-26-37/39-45 • In N Sodium Hydroxide 1310-73-2 C R:35 S:(1/2)-26-37/39-45 • Hydroxyethyl Cellulos	Benzalkonium Chloride	63449-41-2	Xn; R21/22 C; R34 N; R50
• Water • Timolol Maleate • Dorzolamide Hydrochloride EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits • Sodium Citrate Dihydrate • Mannitol • Benzalkonium Chloride • Water • Water • Water • Dorzolamide Hydrochloride EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits • Sodium Citrate Dihydrate • Mannitol • Benzalkonium Chloride • 68-04-2 • Not Listed • S%←≡C⋅ C; R.35 2%←≡C<5%: • 1 N Sodium Hydroxide • 1310-73-2 • C; R.34 0.5%←≡C<2%: Xi; • R.36/38 • Hydroxyethyl Cellulose • Water • Water • Water • Timolol Maleate • Dorzolamide Hydrochloride EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling • Sodium Citrate Dihydrate • Mannitol • Benzalkonium Chloride • Mannitol • Benzalkonium Chloride • 1310-73-2 • C R.35 S:(1/2)-26-37/39-45 • Hydroxyethyl Cellulose • Water • Mannitol • Benzalkonium Chloride • 1310-73-2 • C R.35 S:(1/2)-26-37/39-45 • Hydroxyethyl Cellulose • Water • Water • Mannitol • G8449-41-2 • ON R.21/22-34-50 S:(2)- 36/37/39-45-61 • 1 N Sodium Hydroxide • Hydroxyethyl Cellulose • Water • Water • Water • Timolol Maleate • Dorzolamide Hydrochloride EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases • Sodium Citrate Dihydrate • Rodium Citrate Dihydrate	• 1 N Sodium Hydroxide	1310-73-2	C; R35
Timolol Maleate	Hydroxyethyl Cellulose	9004-62-0	Not Listed
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits - Sodium Citrate Dihydrate - Mannitol - Benzalkonium Chloride - 1 N Sodium Hydroxide - 1 N Sodium Hydroxide - Hydroxyethyl Cellulose - Dorzolamide Hydrochloride - Dorzolamide Hydrochloride - Sodium Citrate Dihydrate - Timolol Maleate - Dorzolamide Hydroxide - Mannitol - Sodium Citrate Dihydrate - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling - Sodium Citrate Dihydroxide - Timolol Maleate - Mannitol - Benzalkonium Chloride - Mannitol - Benzalkonium Hydroxide - Timolol Maleate - Mannitol - Sodium Citrate Dihydrate - Mannitol - Sodium Citrate Dihydrate - Mannitol - Benzalkonium Chloride - Timolol Maleate - Not Listed	• Water	7732-18-5	Not Listed
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits • Sodium Citrate Dihydrate • Mannitol • Benzalkonium Chloride • Benzalkonium Chloride • 1 N Sodium Hydroxide • Hydroxyethyl Cellulose • Water • Dorzolamide Hydrochloride • Mannitol • Benzalkonium Chloride • 1 N Sodium Hydroxide • Water • Water • Water • Dorzolamide Hydrochloride • Benzalkonium Citrate Dihydrate • Mannitol • Benzalkonium Chloride • Mannitol • Benzalkonium Chloride • Mannitol • Benzalkonium Hydroxide • Hydroxyethyl Cellulose • Hydroxyethyl Cellulose • Water • Mannitol • Ma	Timolol Maleate	26921-17-5	Not Listed
• Sodium Citrate Dihydrate 68-04-2 Not Listed • Mannitol 69-65-8 Not Listed • Benzalkonium Chloride 63449-41-2 Not Listed • 1 N Sodium Hydroxide 1310-73-2 C; R:34 0.5%<=C<5%: Xi; R:36/38 • Hydroxyethyl Cellulose 9004-62-0 Not Listed • Water 7732-18-5 Not Listed • Timolol Maleate 26921-17-5 Not Listed • Dorzolamide Hydrochloride 130693-82-2 Not Listed EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling 8-04-2 Not Listed • Mannitol 69-65-8 Not Listed • Benzalkonium Chloride 63449-41-2 36/37/39-45-61 C N R:21/22-34-50 S:(2)-36/37/39-45-61 • 1 N Sodium Hydroxide 1310-73-2 C R:35 S:(1/2)-26-37/39-45 • Hydroxyethyl Cellulose 9004-62-0 Not Listed • Water 7732-18-5 Not Listed • Timolol Maleate 26921-17-5 Not Listed • Dorzolamide Hydrochloride 130693-82-2 Not Listed • Uzer CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases - Not Listed Not Listed	Dorzolamide Hydrochloride	130693-82-2	Not Listed
• Mannitol 69-65-8 Not Listed • Benzalkonium Chloride 63449-41-2 Not Listed • 1 N Sodium Hydroxide 1310-73-2 C; R:34 0.5%<=C<5%: Xi; R:36/38	EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits		
• Benzalkonium Chloride 63449-41-2	Sodium Citrate Dihydrate	68-04-2	Not Listed
1 N Sodium Hydroxide 1310-73-2 C; R:35 2%<=C<5%: C; R:34 0.5%<=C<2%: Xi; R:36/38	Mannitol	69-65-8	Not Listed
. 1 N Sodium Hydroxide . Hydroxyethyl Cellulose . Water . Water . Timolol Maleate . Dorzolamide Hydrochloride EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling . Benzalkonium Chloride Benzalkonium Hydroxide . 1310-73-2 . C; R:34 0.5%<=C<2%: Xi; R:36/38 9004-62-0 Not Listed Not Listed Not Listed Not Listed Not Listed 68-04-2 Not Listed 68-04-2 Not Listed C N R:21/22-34-50 S:(2)-36/37/39-45-61 1 N Sodium Hydroxide 1310-73-2 C R:35 S:(1/2)-26-37/39-45 Hydroxyethyl Cellulose . Water . Timolol Maleate . Dorzolamide Hydrochloride EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases . Sodium Citrate Dihydrate 68-04-2 Not Listed Not Listed C N R:21/22-34-50 S:(2)-36/37/39-45-61 1 310-73-2 C R:35 S:(1/2)-26-37/39-45 Not Listed Not Listed Not Listed Not Listed	Benzalkonium Chloride	63449-41-2	Not Listed
 Water Timolol Maleate Dorzolamide Hydrochloride EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling Sodium Citrate Dihydrate Mannitol Benzalkonium Chloride 130693-82-2 Not Listed Mol Listed Mol Listed Mol Listed Mol Listed C N R:21/22-34-50 S:(2)-36/37/39-45-61 1 N Sodium Hydroxide Hydroxyethyl Cellulose Water Timolol Maleate Dorzolamide Hydrochloride Dorzolamide Hydrochloride EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases Sodium Citrate Dihydrate Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed 	• 1 N Sodium Hydroxide	1310-73-2	C; R:34 0.5%<=C<2%: Xi;
 Water Timolol Maleate Dorzolamide Hydrochloride EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling Sodium Citrate Dihydrate Mannitol Benzalkonium Chloride 130693-82-2 Not Listed Mol Listed Mol Listed Mol Listed Mol Listed C N R:21/22-34-50 S:(2)-36/37/39-45-61 1 N Sodium Hydroxide Hydroxyethyl Cellulose Water Timolol Maleate Dorzolamide Hydrochloride Dorzolamide Hydrochloride EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases Sodium Citrate Dihydrate Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed 	Hydroxyethyl Cellulose	9004-62-0	Not Listed
 Dorzolamide Hydrochloride EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling Sodium Citrate Dihydrate Mannitol Benzalkonium Chloride 1 N Sodium Hydroxide Hydroxyethyl Cellulose Water Timolol Maleate Dorzolamide Hydroxide Timolol Maleate Dorzolamide Hydroxide Timolol Maleate Dorzolamide Hydrochloride Sodium Citrate Dihydrate Not Listed 		7732-18-5	Not Listed
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling • Sodium Citrate Dihydrate • Mannitol • Benzalkonium Chloride • In N Sodium Hydroxide • Hydroxyethyl Cellulose • Water • Water • Timolol Maleate • Dorzolamide Hydrochloride EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases • Sodium Citrate Dihydrate 68-04-2 Not Listed Not Listed Re-04-2 Not Listed Not Listed Not Listed Not Listed Not Listed Not Listed	Timolol Maleate	26921-17-5	Not Listed
 Sodium Citrate Dihydrate Mannitol Benzalkonium Chloride 1 N Sodium Hydroxide Hydroxyethyl Cellulose Water Timolol Maleate Dorzolamide Hydrochloride C R:35 S:(1/2)-26-37/39-45 Not Listed 	Dorzolamide Hydrochloride	130693-82-2	Not Listed
 Mannitol Benzalkonium Chloride Benzalkonium Chloride 1 N Sodium Hydroxide Hydroxyethyl Cellulose Water Timolol Maleate Dorzolamide Hydrochloride EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases Sodium Citrate Dihydrate Not Listed 	EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling		
 Benzalkonium Chloride 1 N Sodium Hydroxide 1310-73-2 1310-73-2	Sodium Citrate Dihydrate	68-04-2	Not Listed
• Benzalkonium Chloride 63449-41-2 36/37/39-45-61 • 1 N Sodium Hydroxide 1310-73-2 C R:35 S:(1/2)-26-37/39-45 • Hydroxyethyl Cellulose 9004-62-0 Not Listed • Water 7732-18-5 Not Listed • Timolol Maleate 26921-17-5 Not Listed • Dorzolamide Hydrochloride 130693-82-2 Not Listed EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases 68-04-2 Not Listed	Mannitol	69-65-8	Not Listed
 Hydroxyethyl Cellulose Water Timolol Maleate Dorzolamide Hydrochloride EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases Sodium Citrate Dihydrate 9004-62-0 Not Listed 7732-18-5 Not Listed 130693-82-2 Not Listed Not Listed 	Benzalkonium Chloride	63449-41-2	* *
 Water Timolol Maleate Dorzolamide Hydrochloride Table 3.2 - Safety Phrases Sodium Citrate Dihydrate Not Listed Not Listed Not Listed Not Listed Not Listed 	• 1 N Sodium Hydroxide	1310-73-2	C R:35 S:(1/2)-26-37/39-45
 Timolol Maleate Dorzolamide Hydrochloride EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases Sodium Citrate Dihydrate Sodium Citrate Dihydrate 26921-17-5 Not Listed Not Listed Not Listed 	Hydroxyethyl Cellulose	9004-62-0	Not Listed
 Dorzolamide Hydrochloride EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases Sodium Citrate Dihydrate 130693-82-2 Not Listed Not Listed 	• Water	7732-18-5	Not Listed
EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases • Sodium Citrate Dihydrate 68-04-2 Not Listed	Timolol Maleate	26921-17-5	Not Listed
Sodium Citrate Dihydrate 68-04-2 Not Listed	Dorzolamide Hydrochloride	130693-82-2	Not Listed
·	· · · · · · · · · · · · · · · · · · ·		
Mannitol 69-65-8 Not Listed	Sodium Citrate Dihydrate	68-04-2	Not Listed
	Mannitol	69-65-8	Not Listed

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Benzalkonium Chloride	63449-41-2	S:(2)-36/37/39-45-61	
1 N Sodium Hydroxide	1310-73-2	S:(1/2)-26-37/39-45	
Hydroxyethyl Cellulose	9004-62-0	Not Listed	
Water	7732-18-5	Not Listed	
Timolol Maleate	26921-17-5	Not Listed	
Dorzolamide Hydrochloride	130693-82-2	Not Listed	

United States

nvironment U.S CERCLA/SARA - Hazardous Substances and their Reportable Qu	antities	
Sodium Citrate Dihydrate	68-04-2	Not Listed
Mannitol	69-65-8	Not Listed
Benzalkonium Chloride	63449-41-2	Not Listed
• 1 N Sodium Hydroxide	1310-73-2	1000 lb final RQ; 454 kg final RQ
Hydroxyethyl Cellulose	9004-62-0	Not Listed
• Water	7732-18-5	Not Listed
Timolol Maleate	26921-17-5	Not Listed
Dorzolamide Hydrochloride	130693-82-2	Not Listed

United States - California

		nvironment
		U.S California - Proposition 65 - Carcinogens List
Not Listed	68-04-2	Sodium Citrate Dihydrate
Not Listed	69-65-8	Mannitol
Not Listed	63449-41-2	Benzalkonium Chloride
Not Listed	1310-73-2	• 1 N Sodium Hydroxide
Not Listed	9004-62-0	Hydroxyethyl Cellulose
Not Listed	7732-18-5	Water
Not Listed	26921-17-5	Timolol Maleate
Not Listed	130693-82-2	Dorzolamide Hydrochloride
		U.S California - Proposition 65 - Developmental Toxicity
Not Listed	68-04-2	Sodium Citrate Dihydrate
Not Listed	69-65-8	Mannitol
Not Listed	63449-41-2	Benzalkonium Chloride
Not Listed	1310-73-2	• 1 N Sodium Hydroxide
Not Listed	9004-62-0	Hydroxyethyl Cellulose
Not Listed	7732-18-5	• Water
Not Listed	26921-17-5	Timolol Maleate
Not Listed	130693-82-2	Dorzolamide Hydrochloride
		U.S California - Proposition 65 - Reproductive Toxicity - Female
Not Listed	68-04-2	Sodium Citrate Dihydrate
Not Listed	69-65-8	• Mannitol
Not Listed	63449-41-2	Benzalkonium Chloride
Not Listed	1310-73-2	• 1 N Sodium Hydroxide
Not Listed	9004-62-0	Hydroxyethyl Cellulose
Not Listed	7732-18-5	• Water
Not Listed	26921-17-5	Timolol Maleate
Not Listed	130693-82-2	Dorzolamide Hydrochloride
N	130693-82-2	Dorzolamide Hydrochloride U.S California - Proposition 65 - Reproductive Toxicity - Male

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Sodium Citrate Dihydrate	68-04-2 Not Listed
Mannitol	69-65-8 Not Listed
Benzalkonium Chloride	63449-41-2 Not Listed
1 N Sodium Hydroxide	1310-73-2 Not Listed
Hydroxyethyl Cellulose	9004-62-0 Not Listed
• Water	7732-18-5 Not Listed
Timolol Maleate	26921-17-5 Not Listed
Dorzolamide Hydrochloride	130693-82-2 Not Listed

Section 16 - Other Information

Last Revision Date Preparation Date Disclaimer/Statement of Liability

- 11/May/2015
- 11/May/2015
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