

MSDS - Material Safety Data Sheet**Product Name: Dorzolamide Hydrochloride-Timolol Maleate Ophthalmic Solution, 22.26 mg/6.83 mg per mL**

MSDS No.: 233

I. Basic Information:

Manufacturer: Hi-Tech Pharmacal Co., Inc

Address: 369 Bayview Avenue

City, ST Zip: Amityville, NY 11701

Emergency Contact:

Emergency Telephone Number: 631-789-8228

Contact: Jesse Kirsh, VP of Quality

Information Telephone Number: 631-789-8228

Last Update:

Chemical State: ☒ Liquid ☐ Gas ☐ SolidChemical Type: ☐ Pure ☒ Mixture

1	Health
1	Flammability
0	Reactivity
B	Pers. Protection

II. Ingredients:☐ Trade Secret

CAS No.	Chemical Name	% Range	EHS	IARC	SARA	OSHA	ACGIH	Other
			NTP		313	PEL	TLV	Limits
8001-54-5	Benzalkonium Chloride, NF							
130693-82-2	Dorzolamide Hcl, USP							
26921-17-5	Timolol Maleate, USP							

III. Hazardous Identification:

Hazard Category:

☐ Acute
 ☐ Chronic
 ☐ Fire
 ☐ Pressure
 ☐ Reactive

Hazardous Identification Information:

Do not ingest. Wash thoroughly after handling. Harmful if swallowed.

IV. First Aid Measures:

Route(s) of Entry:

Ingestion, Inhalation and skin contact

Health Hazards (Acute and Chronic):

Slightly toxic by ingestion.

Signs and Symptoms:

May cause bitter taste, headache, nausea and fatigue.

Medical Conditions Generally Aggravated by Exposure:

 Eye contact may cause irritation or an allergic type reaction.
 May also cause bitter taste, headache, nausea and fatigue.

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Emergency and First Aid Procedures:

Eye: Hold eyelids open and flush with steady stream of water for 15 minutes. See an eye doctor or physician immediately.

Skin: Remove contaminated clothing and clean before reuse. Wash all exposed areas of the skin with plenty of soap and water. If irritation develops get medical attention.

Inhalation: No inhalation exposure expected with this formulation under normal conditions. Exposed to aerosols, move individual to fresh air. If irritation or breathing difficulty occurs get medical attention.

Ingestion: Call a physician or poison control center if over dosing has occurred.

Other Health Warnings:

Weak skin sensitizer.

V. Fire Fighting Measures:

Flash Point: N/A

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

F.P. Method: N/A

Fire Extinguishing Media: Use water, carbon dioxide, dry chemical or foam as necessary.

Special Fire Fighting Procedures:

With small quantities use carbon dioxide extinguisher.

For large fires use ample quantities of water with dry chemicals or foam as necessary.

Unusual Fire and Explosion:

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

No special precautions. Pick up in the most efficient manner.
Soak up with sawdust, sand, oil dry or other absorbent material.

VII. Handling and Storage:

Precautions to be Taken:

Store container tightly closed in a cool, dry, well-ventilated location.

Other Precautions:

Keep container closed when not in use.

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Under normal use and handling no protective equipment is required.

Personal Protective Equipment:

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Protective Gloves: Recommended

Eye Protection: Splash proof safety Glasses

IX. Physical and Chemical Properties:

Boiling Point: N/A

Melting Point: N/A

Evaporation Rate (Butyl Acetate = 1): Same as water

Vapor Pressure (mm Hg.): N/A

Specific Gravity (H₂O = 1): 1.02220

Vapor Density (AIR = 1): >1

Solubility In Water: Soluble

Appearance and Odor: Clear, colorless to nearly colorless, slightly viscous solution.

Other Information: Use only as directed.

X. Stability and Reactivity:

Stability:

Stable at normal temperature conditions.

Avoid sources of ignition

Incompatibility (Materials to Avoid):

Strong oxidizer

Decomposition/By Products:

Does not undergo explosive decomposition

Hazardous Polymerization:

Will not occur

XI. Toxicological Information:

Slightly toxic by ingestion. Harmful if swallowed.

If desired see package insert for detailed information.

XII. Ecological Information:

N/A

XIII. Disposal Considerations:

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State / Provincial and Local Regulations.

XIV. Transport Information:

The known properties of this material do not constitute a hazard as defined by the U.S. Department of Transportation.

XV. Regulatory Information:

N/A

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XVI. Other Information:

To the best of our knowledge the information contained herein is accurate as of the date hereof. Any determination as to the suitability of the product for any particular purpose, its safe use or disposal, shall be the responsibility of the user. The information contained herein is in no way intended to supplement, modify, or supercede the information provided in the package insert with respect to the product for medical purposes. Please refer to the product insert or label for information regarding the use of the product for medical purposes. We reserve the right to revise the Material Safety Data Sheets periodically as new information becomes available.