

上海京河医药科技有限公司  
Shanghai Genriver Pharmaceutical Co., Ltd.

## Material Safety Data Sheet

Bimatoprost, 97+%

### Section 1 - Chemical Product and Company Identification

**MSDS Name:** Bimatoprost

**Company Identification:** Shanghai Genriver Pharmaceutical Co., Ltd.

**For information in China, call:** 86-13482015261

### Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name:	%	EINECS #
155206-00-1	(5Z,9a,11a,13E,15S)-9,11,15-Trihydroxy-17-phenyl-18,19,20-trinorprosta-5,13-dienoic acid ethylester	97+%	unlisted

### Section 3 - Hazards Identification

#### EMERGENCY OVERVIEW:

*Limited evidence of a carcinogenic effect. Risk of serious damage to eyes.*

#### Potential Health Effects:

**Eye:** May cause eye irritation and possible damage.

**Skin:** May cause skin irritation. May be harmful if absorbed through the skin.

**Ingestion:** May cause irritation of the digestive tract. May be harmful if swallowed.

**Inhalation:** May cause respiratory tract irritation. May be harmful if inhaled.

**Chronic:** Not available.

### Section 4 - First Aid Measures

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**Eyes:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

**Skin:** Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

**Ingestion:** Get medical aid. Wash mouth out with water.

**Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

**Notes to Physician:** Treat symptomatically and supportively.

### Section 5 - Fire Fighting Measures

**General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or chemical foam.

### Section 6 - Accidental Release Measures

**General Information:** Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** Vacuum or sweep up material and place into a suitable disposal container.

### Section 7 - Handling and Storage

**Handling:** The goods are packaged according to the packaging requirement of ordinary goods, please treat as ordinary goods.

**Storage:** Store in a tightly closed container. Store in a dry area. Keep in room temperature for short term transportation, and for

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long term storage (one than one year), please Keep in  
2~8 °C.

**Section 8 - Exposure Controls, Personal Protection**

**Exposure Limits**

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
(5Z,9a,11a,13E,15S)-9,11 ,15-Trihydroxy-17-phenyl- 18,19, 20-trinorprosta-5,13-dieno ic acid ethylester	none listed	none listed	none listed

**Personal Protective Equipment:**

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin:** Wear appropriate protective gloves to prevent skin exposure.

**Clothing:** Wear appropriate protective clothing to prevent skin exposure.

**Respirators:** Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

**Section 9 - Physical and Chemical Properties**

<b>Physical State:</b>	Solid
<b>Color:</b>	White or almost white
<b>Odor:</b>	Not available
<b>pH:</b>	Not available
<b>Vapor Pressure:</b>	Not available

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<b>Viscosity:</b>	Not available
<b>Boiling Point:</b>	Not available
<b>Freezing/Melting Point:</b>	Not available
<b>Autoignition Temperature:</b>	Not available
<b>Flash Point:</b>	Not available
<b>Explosion Limits: Lower:</b>	Not available
<b>Explosion Limits: Upper:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>Solubility in water:</b>	Slightly soluble
<b>Specific Gravity/Density:</b>	Not available
<b>Molecular Formula:</b>	C <sub>25</sub> H <sub>37</sub> NO <sub>4</sub>
<b>Molecular Weight:</b>	415.57

#### Section 10 - Stability and Reactivity

**Chemical Stability:** Not available

**Conditions to Avoid:** Incompatible materials, excess heat, open flame.

**Incompatibilities with Other Materials:** Open flame.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide.

**Hazardous Polymerization:** Not available

#### Section 11 - Toxicological Information

**RTECS#:** Not available.

**LD50/LC50:** RTECS: Not available.

**Carcinogenicity:** Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

**Other:** The toxicological properties have not been fully investigated. See actual entry in RTECS for complete information.

#### Section 12 - Ecological Information

Not available

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**Section 13 - Disposal Considerations**

Dispose of in a manner consistent with federal, state, and local regulations.

**Section 14 - Transport Information**

	<b>IATA</b>	<b>IMO</b>	<b>RID/ADR</b>
<b>Shipping Name:</b>	Bimatoprost	N/A	N/A
<b>Hazard Class:</b>	<b>Non Hazard</b>	<b>N/A</b>	<b>N/A</b>
<b>UN Number:</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Packing Group:</b>	<b>Carton</b>	<b>N/A</b>	<b>N/A</b>

**Section 15 - Regulatory Information**

**European/International Regulations:**

CAS#155206-00-1: Not available

**WGK (Water Danger/Protection):** CAS# 155206-00-1: Not available

**Canada**

**US Federal**

**TSCA**

CAS# 155206-00-1 is not listed on the TSCA Inventory. It is for research and development use only.