

# SAFETY DATA SHEET

## PROPYLENE GLYCOL

### SECTION 1: CHEMICAL AND COMPANY IDENTIFICATION

**BioShop Canada Inc.**  
**5480 Mainway**  
**Burlington, Ontario L7L 6A4**  
**1-800-234-1179**  
**Emergency Telephone No.: 905-466-3832**  
**Chemical Name: Propylene glycol**  
**Synonym: N/A**  
**Catalog Number: PRO888**

### SECTION 2 HAZARDS IDENTIFICATION

**GHS Classification:**  
Skin irritation (cat 3)  
Eye irritation (cat 2B)

Pictogram: none  
Signal word: WARNING

Hazard statements:  
H316 causes mild skin irritation  
H320 causes eye irritation

Precautionary statements:  
P303+P361+P331- IF ON SKIN: take off immediately all contaminated clothing. Rinse skin with water.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. remove contact lenses, if present and easy to do. continue rinsing.

**Potential Health Effects:**  
Eyes: may cause eye irritation  
Skin: may cause skin irritation  
Inhalation: may be harmful if inhaled  
Ingestion: may be harmful if ingested

### SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	EC-No.	%
<b>Propylene glycol</b>	<b>57-55-6</b>	<b>200-336-0</b>	<b>100</b>

**Molecular Formula:** C3H8O2  
**Molecular Weight:** 76.09

### SECTION 4 FIRST AID MEASURES

**Eyes:** Flush eyes with water . Consult a physician.  
**Skin:** In case of contact, flush area immediately with water. Get medical aid if irritation persists.  
**Inhalation:** Remove victim to fresh air. Get medical aid if irritation persists.  
**Ingestion:** Wash mouth with water. Get medical aid if any symptoms appear.

### SECTION 5 FIRE FIGHTING MEASURES

**Flammability:** not flammable, not combustible  
**Flash Point:** not determined  
**Autoignition Temperature:** not determined  
**Extinguishing Media:** Use water spray, foam, dry chemical or carbon dioxide.  
**Explosion Data:** Not available

### SECTION 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions:**  
Ventilate the area. Wear appropriate protective equipment. Avoid contact with skin, eyes and clothing.  
**Methods for containment and clean up:**  
Contain further leakage. Sweep and place in a closed container.. Dispose according to local regulations

### SECTION 7 HANDLING AND STORAGE

**Handling:** Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse.  
**Storage Conditions:** Room temperature. Keep cool and dry.

### SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure limits:**  
ACGIH, NIOSH, OSHA, none listed  
Use adequate ventilation. Avoid spills  
**Personal protective Equipment:** Wear appropriate safety glasses and protective gloves/clothing  
**Engineering Measures:** eye wash stations, ventilation systems, showers  
**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice. wash hands before and after handling product.

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** clear viscous liquid  
**Odor:** no information found  
**Odor Threshold:** : no information found  
**Melting Point:** -60C  
**Boiling Point:** 187C  
**Specific Gravity:** no information found  
**Vapor Density:** 2.63  
**Vapor pressure:** no information found  
**Water Solubility:** no information found  
**pH:** no information found  
**Flammability:** not flammable  
**Flash point:** 103C closed cup  
**Ignition temperature:** 415C  
**Autoignition temperature:** no information found  
**Lower explosion limit:** no information found  
**Upper explosion limit:** no information found

### SECTION 10 STABILITY AND REACTIVITY:

**Stability:** Stable at normal room temperature and pressure  
**Conditions to avoid:** no data available  
**Incompatibility:** strong oxidizing agents, acid chlorides  
**Hazardous Decomposition Products:** carbon dioxide, carbon monoxide and  
**Hazardous Polymerization:** Has not been reported

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### SECTION 11 TOXICOLOGICAL PROPERTIES

**Exposure Limits:**

Oral, rat LD50= Oral, rat :20g/kg

Skin, Human: mild skin irritation- 7D

Eyes, rabbit- mild eye irritation

**Epidemiology:** No data available

**Teratogenicity:** No data available

**Reproductive Effects:** No data available

**Neurotoxicity:** No data available

**Mutagenicity:** No data available

**Carcinogenicity:** not listed by ACGIH, IARC, NTP, or CA

### SECTION 12 ECOLOGICAL INFORMATION

No information found.

### SECTION 13 DISPOSAL CONSIDERATION

**Waste Disposal:** Burn in chemical incinerator. Observe all Federal, provincial and local regulations.

### SECTION 14 TRANSPORT INFORMATION

**Shipping Information:**

**DOT (US):** not regulated

**IMDG:** not regulated

**IATA:** not regulated

### SECTION 15 REGULATORY INFORMATION

**US Federal regulations:**

No listed on TSCA

### SECTION 16 ADDITIONAL INFORMATION

Prepared By: M.Kierdelewicz

Date Prepared: Dec 29/2021

Phone: (800) 234-1179

The information provided on this Material Safety Data Sheet is furnished in good faith and without warranty of any kind. The above information is believed to be correct and should be used only as a guide. BioShop Canada Inc. shall not be held liable for any damage resulting from the handling or from the contact with the above product.

Observe all federal, provincial and state laws concerning health, safety and pollution.