

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.	%
Propylene glycol	57-55-6	200-336-0	100

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

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Date Prepared: Jan 1/2025

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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.