

# SAFETY DATA SHEET

## BRILLIANT GREEN

### SECTION 1: CHEMICAL AND COMPANY IDENTIFICATION

**BioShop Canada Inc.**  
**5480 Mainway**  
**Burlington, Ontario L7L 6A4**  
**1-800-234-1179**  
**Emergency Telephone No.: 1-905-466-3832**  
**Chemical Name: BRILLIANT GREEN**  
**Catalog Number: BRG001**

### SECTION 2 HAZARDS IDENTIFICATION

**GHS Classification:**

Acute toxicity, Oral, Category 4  
Eye irritation Category 2A

Pictogram:



Signal word: WARNING

**Hazard statements:**

H302 Harmful if swallowed.  
H319 Causes serious eye irritation.

**Precautionary statements:**

P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear eye protection/ face protection.  
P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.  
P501 Dispose of contents/ container to an approved waste disposal plant.

**Potential Health Effects**

**Target Organs:** None known

**Eyes:** May cause eye irritation.

**Skin:** May cause skin irritation.

**Inhalation:** may cause irritation. The toxicological properties of this substance have not been fully investigated.

**Ingestion:** harmful if swallowed.

**CHRONIC HEALTH HAZARDS:** Not known

### SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	%
BRILLIANT GREEN	633-0304	>99%

**Molecular Formula:** C27H34N2O4S  
**Molecular Weight:** 482.6

### SECTION 4 FIRST AID MEASURES

**Eyes:** Flush eyes with plenty of water for at least 15 minutes. GET MEDICAL AID

**Skin:** Flush area immediately with plenty of soap and water while removing contaminated clothing and shoes..

**Inhalation:** Remove victim to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen . GET MEDICAL ATTENTION.

**Ingestion:** Wash mouth with water. Do not induce vomiting . GET MEDICAL AID

### SECTION 5 FIRE FIGHTING MEASURES

**General Information:** Always wear full protective gear in the event of a fire. Toxic gases and vapors may be generated by decomposition or combustion. Excessive dust in combination with air can create an explosive mixture.

**Flammable:** No

**Flash Point:** N/A

**Autoignition Temperature:** N/A

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

**Explosion Data:** Not available

### SECTION 6 ACCIDENTAL RELEASE MEASURES

Ventilate the area. Wear appropriate protective equipment. Sweep and place in a closed container. In the event of a fire always wear self-contained breathing apparatus, NIOSH/MSHA approved or equivalent.

**Leak and Spill Procedures:** Ventilate the area. Wear appropriate protective equipment. Cover with dry lime or soda. Sweep and place in a closed container. Avoid generating dust.

### SECTION 7 HANDLING AND STORAGE

**Handling:** Avoid contact. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Minimize dust generation.

**Storage Conditions:** Room temperature.

### SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits: none listed by OSHA

ACGIH, N/A

Use adequate ventilation. AVOID DUST GENERATION.

Wear appropriate protective equipment to prevent eye and skin exposure.

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Wear appropriate respirator to prevent lung irritation.

**Personal Protection:** Lab coat, safety goggles, rubber gloves.

**Ventilation:** Local exhaust systems. Use fume hood

**Respiratory protection:** use OSHA/MSHA approved respirator.

**US:** Not regulated

**Canada:** Not regulated

**European Union:** Not regulated

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** solid

**Appearance and Odor:** yellow to green crystalline

**Freezing/:** N/A

**Melting Point:** N/A

**Boiling Point:** N/A

**Decomposition temp.** 210C

**Specific Gravity:** N/A

**Vapor Density:** N/A

**Solubility:** water

**pH:** N/A

### SECTION 15 REGULATORY INFORMATION

**US:** TSCA: listed

**European/International:** Do not breathe dust.. Avoid contact with skin and dust.

**Canada:** WHMIS: not hazardous

### SECTION 16 ADDITIONAL INFORMATION

Prepared By: M.Kierdelewicz (President)

Date Prepared: Jan 1/2025

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.

### SECTION 10 STABILITY AND REACTIVITY:

**Stability:** Stable under normal temperatures and pressure

**Conditions to avoid:** dust generation. Excess heat

**Incompatibility:** Strong oxidizing agents

**Hazardous Decomposition Products:** carbon monoxide, carbon dioxide, oxides of sulfur

**Hazardous Polymerization:** Will not occur

### SECTION 11 TOXICOLOGICAL PROPERTIES

#### Exposure Limits:

LD50 / LC50:

LD50 rat: 300mg/kg

Moderate eye irritation in mouse.

**Epidemiology:** No data available

**Teratogenicity:** No data available

**Reproductive Effects:** No data available

**Neurotoxicity:** No data available

**Mutagenicity:** No data available

**Carcinogenicity:** No data available

### 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:**