

# SAFETY DATA SHEET

## BENZOIC ACID

### 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:** benzoic acid  
**Catalog Number:** BEN202

### SECTION 2 HAZARDS IDENTIFICATION

#### GHS Classification:

Acute toxicity, Oral (cat. 5)  
Serious eye damage. (Cat 1)  
Specific target organ toxicity. (Cat 3)

#### Pictogram:



Signal word: DANGER

#### Hazard statements:

H303. May be harmful if swallowed  
H318. Causes severe eye damage  
H335. May cause respiratory irritation

#### Precautionary statements:

P261. Avoid breathing dust/fume/gas/mist/vapors/spray  
P280. wear protective gloves/eye protection/face protection.  
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:** causes eye irritation.  
**Skin:** cause skin irritation.  
**Inhalation:** harmful if inhaled.  
**Ingestion:** harmful if swallowed.

### SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	%
Benzoic acid	65-85-0	>99%

**Molecular Formula:** C<sub>7</sub>H<sub>6</sub>O<sub>2</sub>  
**Molecular Weight:** 122.12 g/mol

### 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. 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.

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US : TSCA: listed

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

Canada: WHMIS: D2B

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** solid

**Appearance and Odor:** white crystalline

**Freezing/:** N/A

**Melting Point:** 121-125°C

**Boiling Point:** N/A

**Density:** 1.32 g/cm<sup>3</sup>

**Vapor Density:** N/A

**pH:** 2.5 - 3.5

### 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,

**Hazardous Polymerization:** Will not occur

### SECTION 11 TOXICOLOGICAL PROPERTIES

#### Exposure Limits:

LD50 / LC50:

LD50 Oral: rat, >2000mg/kg

Eyes, rabbit- Draize test risk of serious eye damage

**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:

US: Not regulated

Canada: Not regulated

European Union: Not regulated

IATA: not regulated

### SECTION 15 REGULATORY INFORMATION