

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: C7H6O2
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/cm²

Vapor Density: N/A

pH: 2.5 - 3.5

SECTION 16 ADDITIONAL INFORMATION

Prepared By: M.Kierdelewicz (President)

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.

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