

# SAFETY DATA SHEET

## 1-NAPHTALENEACETIC 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:** 1-Naphtaleneacetic acid  
**Catalog Number:** NAP002

### SECTION 2 HAZARDS IDENTIFICATION

#### GHS classification;

Acute toxicity, Oral (category 4)  
Skin irritation, (category 2)  
Serious eye damage (category 2)  
Specific target organ toxicity- single exposure (category 3), respiratory system,

Pictogram



#### Hazard Statements:

H302 Harmful if swallowed  
H315 Causes skin irritation  
H318 Causes serious eye damage  
H335 May cause respiratory irritation

#### Precautionary statements:

P264 wash skin thoroughly after handling  
P280 wear protective gloves/protective clothing/ eye protection/ face protection  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P305+P351+P338 IF INHALED: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P501 Dispose of contents/container to an appropriate waste disposal plant.

**Target Organs:** Central Nervous system. Eyes.

**Eyes:** Severely irritating to the eyes. May cause serious damage to the eyes.

**Skin:** Causes irritation. May be absorbed through the skin..

**Inhalation:** may cause irritation. May cause injury or illness if inhaled.

**Ingestion:** harmful if swallowed. Ingestion may cause nausea, vomiting and diarrhea.. May cause CNS disturbances.

**CHRONIC HEALTH HAZARDS:** The toxicological properties of this product have not been fully investigated.

### SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	%
1-Naphtaleneacetic acid	86-87-3	>99%

**Molecular Formula:** C<sub>12</sub>H<sub>10</sub>O<sub>2</sub>

**Molecular Weight:** 186.2

### SECTION 4 FIRST AID MEASURES

**Eyes:** Flush eyes with plenty of water for at least 15 minutes. **Get immediate medical attention.**

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

**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. **GET MEDICAL ATTENTION .**

### 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.

**Flash Point:** N/A

**Autoignition Temperature:** N/A

**Explosion limits:** N/A

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

### 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.. Absorb with inert material like vermiculite or earth. Sweep into suitable container.

### 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:** N/A

Avoid contact with material

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

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

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** solid  
**Appearance and Odor:** white to yellow powder.  
**Freezing/Melting Point:** N/A  
**Boiling Point:** N/A  
**Specific Gravity:** N/A  
**Vapor Density:** N/A  
**Vapor pressure:** N/A  
**Viscosity:** N/A  
**Solubility:** soluble in water  
**pH:** N/A

### SECTION 10 STABILITY AND REACTIVITY:

**Stability:** Stable under normal temperatures and pressure.  
**Conditions to avoid:** moisture and heat.  
**Incompatibility:** Strong oxidizing agents and reducing agents, caustics.  
**Hazardous Decomposition Products:** carbon monoxide, carbon dioxide,  
**Hazardous Polymerization:** Will not occur

### SECTION 11 TOXICOLOGICAL PROPERTIES

#### Exposure Limits:

LD50 / LC50:  
Oral, Rat= LD50=1g/kg  
Oral mouse: LD50=743 mg/kg.

**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 OSHA. Naphthalene classified by NTP as suspected carcinogen.

### SECTION 12 ECOLOGICAL INFORMATION

No data available

### SECTION 13 DISPOSAL CONSIDERATION

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

### SECTION 14 TRANSPORT INFORMATION

**US DOT:** not regulated  
**Canada:** not regulated

### SECTION 15 REGULATORY INFORMATION

**US :** TSCA: listed  
**European/International:** Harmful if swallowed. Harmful by inhalation. Risk of serious damages to  
**Canada:** WHMIS: **D2B**

### SECTION 16 ADDITIONAL INFORMATION

#### Hazard Rating System (estimated)

NFPA	Health	Fire	Reactivity
	2	0	0

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The information provided on this 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.