

# SAFETY DATA SHEET

## ISOAMYL ALCOHOL

### 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:** Isoamyl alcohol  
**Catalog Number:** ISO900

P332+P313: If skin irritation occurs, get medical advice/attention..  
P337+P313: If eye irritation persists, get medical advice/attention.

**Target Organs:** None known.  
**Eyes:** Causes eye burns.  
**Skin:** Causes skin irritation. May cause burns.  
**Inhalation:** Causes irritation. May cause burns.  
**Ingestion:** May be harmful if swallowed. May cause burns and vomiting.

### CHRONIC HEALTH HAZARDS:

Corrosive. Harmful If swallowed. Causes severe eye and skin  
Irritation. May cause burns.

### SECTION 2 HAZARDS IDENTIFICATION

#### GHS Classification:

Flammable liquids (Category 3)  
Serious eye damage (Category 2A)  
Acute toxicity: Inhalation (Category 4)  
Acute toxicity: Dermal (Category 5)  
Serious eye damage/eye irritation (Category 2A)

#### Pictogram:



**Signal word:** Warning

#### Hazard statement:

H226	Flammable liquid and vapour
H313	May be harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation

#### Precautionary statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other sources of ignition.  
P233: Keep container tightly closed  
P261: Avoid breathing dust/ fumes/ gas/mist/ vapors/ spray.  
P280: Wear protective gloves/ eye protection/ face protection.  
P303+P361+P353. IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water.  
P304+P340+P312 IF INHALED: remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.  
P305+P351+P338 IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310: Immediately call a POISON CENTER or doctor/physician.

### SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	%
Isoamyl alcohol	123-51-3	99%

Molecular Formula: C<sub>5</sub>H<sub>12</sub>O  
Molecular Weight: 88.15

### SECTION 4 FIRST AID MEASURES

**Eyes:** Flush eyes with water for at least 15 minutes, occasionally lifting the upper and lower eyelids. GET MEDICAL ATTENTION  
**Skin:** In case of contact, flush area immediately with soap and water while removing contaminated clothing and shoes. Wash clothing before reuse. Discard contaminated clothing in a manner which limits further exposure. GET MEDICAL ATTENTION.  
**Inhalation:** GET MEDICAL ATTENTION IMMEDIATELY. Remove from exposure to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.  
**Ingestion:** If swallowed wash mouth out with water if person is conscious. GET MEDICAL ATTENTION. > Do Not induce vomiting.

### SECTION 5 FIRE FIGHTING MEASURES

**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

### SECTION 7 HANDLING AND STORAGE

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**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:

TWA Canada: 100ppm, 361 mg/m<sup>3</sup>

TWA USA 100ppm,

Use adequate ventilation..

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.

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**Appearance and Odor:** colorless

Flash point: 34C (109F)

Lower explosion limit: 1.2% (V)

Upper explosion limit: 9% (V)

**Melting Point:** -117° C (266F)

**Boiling Point:** 130C (266F)

**Specific Gravity:** 0.809/gm<sup>3</sup>

**Vapor Density:** 3.04

**Water Solubility:** soluble

**pH:** approx. 5.6 (25g/L)

### SECTION 10 STABILITY AND REACTIVITY:

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

**Conditions to avoid:** Heat, flames, sparks

**Incompatibility:** Strong oxidizing agents and reducing agents, acid chlorides, acid anhydrides.

**Hazardous Decomposition Products:**

carbon dioxide,

**Hazardous Polymerization:** no information available

### SECTION 11 TOXICOLOGICAL PROPERTIES

#### Exposure Limits:

LD50: Oral, rat: min. 5,000mg/kg

#### Skin corrosion/irritation:

Skin, rabbit, causes irritation

#### Serious eye damage/eye irritation:

Eyes, rabbit, causes 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 OSHA

### SECTION 12 ECOLOGICAL INFORMATION

#### Toxicity:

No information available

### SECTION 13 DISPOSAL CONSIDERATION

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

### SECTION 14 TRANSPORT INFORMATION

#### DOT (US)

UN number: 1105 Class 3 Packing group: III

Proper shipping name: Pentanols

Marine pollutant: No

Poison Inhalation hazard: No

#### IMDG

UN number: 1105 Class 3 Packing group: III

Proper shipping name: Pentanols

Marine pollutant: No

#### IATA

UN number: 1105 Class 3 Packing group: III

Proper shipping name: Pentanols

### SECTION 15 REGULATORY INFORMATION

**US:** TSCA: listed

**European/International:** N/A

**Canada:** WHMIS: **B3, D2B**

### 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.

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