

# SAFETY DATA SHEET

## ETHYL ACETATE

### SECTION 1: CHEMICAL AND COMPANY IDENTIFICATION

**BioShop Canada Inc.**  
**5480 Mainway**  
**Burlington, Ontario L7L 6A4**  
**1-800-234-1179**  
**Emergency Telephone No.: 905-466-3832**  
**Chemical Name:** ethyl acetate  
**Synonym:** not applicable  
**Catalog Number:** ETA999  
**Recommended Use:** For research use

### SECTION 2 HAZARDS IDENTIFICATION

#### GHS CLASSIFICATION:

Flammable Liquid, (Category 2)  
Acute toxicity Inhalation, (Category 4)  
Serious eye damage/eye irritant (Category 2A)  
Specific target organ toxicity-repeated, 1

#### PICTOGRAM:



**SIGNAL WORD:** Danger

#### HAZARD STATEMENTS:

H225-highly flammable liquid and vapour  
H319- Causes serious eye irritation  
H333-May be harmful if inhaled  
H340- May cause genetic defects  
H350- May cause cancer  
H361-Suspected of damaging fertility of the unborn  
H402- Toxic to aquatic life

#### PRECAUTIONARY STATEMENTS:

P210- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P261- Avoid breathing dust/fume/gas/mist/vapors/spray  
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

**Routes of entry:** Eyes, skin, inhalation.

**Target Organs:** Eyes, CNS, kidneys, reproductive system

**Eyes:** May cause eye irritation.

**Skin:** may be harmful if absorbed through skin.

**Ingestion:** May be harmful if swallowed..

**Inhalation:** May be harmful if inhaled.

**CHRONIC HEALTH HAZARDS;** No information available

### SECTION 3 COMPOSITION/ INGREDIENTS

	CAS #	EC-No.	%
Ethyl acetate	141-78-6	205-500-4	100%

### SECTION 4 FIRST AID MEASURES

**Eyes:** Flush eyes with plenty of water . Consult a physician.

**Skin:** In case of contact, flush area immediately with water. Get medical aid if irritation persists.

**Inhalation:** Remove victim to fresh air. If breathing becomes difficult, give oxygen. Consult a physician..

**Ingestion:** Wash mouth with water. Do NOT induce vomiting. Consult a physician.

### SECTION 5 FIRE FIGHTING MEASURES

**Flammability:** not flammable

**Flash Point:** not determined

**Autoignition Temperature:** not determined

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

**Explosion Data:** Not available

### SECTION 6 ACCIDENTAL RELEASE MEASURES

#### Personal precautions:

Ventilate the area. Wear appropriate protective equipment. Avoid contact with skin, eyes and clothing.

#### Methods for containment and clean up:

If safe to do so, contain further leakage. Use absorbent for clean up. Sweep and place in a closed container. Dispose according to local regulations.

### SECTION 7 HANDLING AND STORAGE

**Handling:** Do not get in eyes, on skin, or clothing. Avoid inhalation of vapours. Wash thoroughly after handling. Keep away from sources of ignition. Avoid build up of electrostatic charge.

**Storage Conditions:** Keep container tightly closed and well ventilated place.. Prevent leakage by keeping containers upright.

### SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure limits:

Canada, USA, TWA, 1,440 mg/m3

**Personal protective Equipment:** Wear appropriate safety glasses and protective gloves/clothing. Use approved NIOSH respirator.

**Engineering Measures:** eye wash stations, ventilation systems, showers

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice. wash hands before and after handling product.

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### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Liquid  
**Odor:** no information found  
**Odor Threshold:** : no information found  
**Melting Point:** -84C  
**Boiling Point:** 76.5 - 77.5C  
**Density:** 0.90 g/cm3  
**Vapor Density:** no information found  
**Vapor pressure:** 97.3 hPa  
**Water Solubility:** soluble  
**pH:** no information found  
**Flammability:** May form explosive dust-air mixture  
**Flash point:** -2.99C - closed cup  
**Ignition temperature:** 427C  
**Autoignition temperature:** 427C  
**Lower explosion limit:** 2.2% (V)  
**Upper explosion limit:** 11.5% (V)

### SECTION 10 STABILITY AND REACTIVITY:

**Stability:** Stable at normal room temperature and pressure  
**Conditions to avoid:** Flames, sparks, heat, ignition sources.  
**Incompatibility** strong oxidizing agents.  
**Hazardous Decomposition Products:** carbon oxides  
**Hazardous reactions:** may form explosive mixture with air  
**Hazardous Polymerization:** Has not been reported

### SECTION 11 TOXICOLOGICAL PROPERTIES

#### Exposure Limits:

Oral, LD50, rat=5,620 mg/kg  
Dermal LD50, rabbit= 18,000 mg/kg  
Inhalation LD50, mouse = 2hr-45,000 mg/mg3

**Teratogenicity:** no data available  
**Epidemiology:** no data available  
**Reproductive Effects:** no data available  
**Neurotoxicity:** no data available  
**Mutagenicity:** no data available  
**Carcinogenicity:** product is not clasifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification

### SECTION 12 ECOLOGICAL INFORMATION

No data available..

### SECTION 13 DISPOSAL CONSIDERATION

**Waste Disposal:** dispose of material and packaging according to all Federal, State, Provincial and local regulations.

### SECTION 14 TRANSPORT INFORMATION

**Shipping Information:**

**DOT (US):**  
UN number: 1173  
Class: 3  
Packing Group: II  
Shipping name: ETHYL ACETATE  
**IMDG:**  
UN number: 1173  
Class: 3  
Packing Group: II  
Shipping name: ETHYL ACETATE  
**IATA:**  
UN number: 1173  
Class: 3  
Packing Group: II  
Shipping name: ETHYL ACETATE

### SECTION 15 REGULATORY INFORMATION

**Canada:**  
WHMIS:  
B2 Flammable Liquid- Flammable liquid  
D2B, Toxic Material Causing Other Toxic Effects

### SECTION 16 ADDITIONAL INFORMATION

Prepared By: M.Kierdelewicz  
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.