

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.

SAFETY DATA SHEET

ETHYL ACETATE

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 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 15 REGULATORY INFORMATION****Canada:**

WHMIS:

B2 Flammable Liquid- Flammable liquid

D2B, Toxic Material Causing Other Toxic Effects

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 16 ADDITIONAL INFORMATION**

Prepared By: M.Kierdelewicz

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 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 classifiable 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:**