# SAFETY DATA SHEET

## **DL-LACTIC 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: DL-LACTIC ACID

Catalog Number: LAC660

SECTION 2 HAZARDS IDENTIFICATION

WHMIS Classification:

E, Corrosive material Moderate skin irritant Moderate eye irritant

**GHS Classification:** 

Pictogram:



Signal word: DANGER

**Hazard Statements:** 

H315 Causes skin irritationH318 Causes serious eye damage

**Precautionary statements:** 

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.

Target Organs: eyes, skin, respiratory system

Eyes: causes eye irritation. May cause serious eye damage.

Skin: causes skin irritation.

Inhalation. May cause irritation to respiratory tract

**Ingestion**: may cause irritation to GI tract. May be harmful if swallowed **CHRONIC HEALTH HAZARDS**: May cause kidney damage.

SECTION 3 COMPOSITION/ INGREDIENTS

CAS# %

DL-LACTIC ACID

7732-18-5 min.85%

Molecular Formula: C3H6O3 Molecular Weight: 90.08

SECTION 4 FIRST AID MEASURES

Eyes: Flush eyes with water . Get medical attention immediately. Skin: In case of contact, flush area immediately with water. Get medical

attention.

Inhalation: .remove to fresh air. Get medical aid.

Ingestion: Wash mouth with water. Do not induce vomiting. Get medical aid

immediately.

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.

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.

Storage Conditions: Room temperature.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits: none listed

Use adequate ventilation. AVOID DUST GENERATION.

Wear appropriate protective equipment to prevent eye and skin exposure.

Wear appropriate respirator to prevent lung irritation.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State: viscous liquid Appearance and Odor: N/A Melting Point: N/A Boiling Point: N/A

Boiling Point: N/A Specific Gravity: 1.209 Vapor Density: N/A Water Solubility: yes

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**pH**: 2.8 (10G/l)

#### **SECTION 10**

#### STABILITY AND REACTIVITY:

Stability: Stable at normal room temperature and pressure

**Conditions to avoid**: excessive heat. **Incompatibility** strong oxidizing agents.

Hazardous Decomposition Products: carbon dioxide, carbon monoxide and

Hazardous Polymerization: Has not been reported

#### **SECTION 11**

#### TOXICOLOGICAL PROPERTIES

#### **Exposure Limits:**

LD50/LC50: LD50:

Oral, rat: 3543mg/kg

Epidemiology: not listed by ACGIH, IARC, NTP OR CA

Teratogenicity; No data available Reproductive Effects: No data available Neurotoxicity: No data available Mutagenicity: 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 DOT;

CORROSIVE LIQUID ACIDIC, ORGANIC NOS, ,CLASS 8, UN 3256,

GROUP III CANADA TDG:

CORROSIVE LIQUID,, ACIDIC, ORGANIC, CLASS 8, UN 3256,

GROUP III

#### **SECTION 15**

#### REGULATORY INFORMATION

US: TSCA: listed

European/International: N/A

Canada: WHMIS: E

#### SECTION 16

#### ADDITIONAL INFORMATION

Prepared By: M.Kierdelewicz (President)

Date Prepared: Oct 6/2022 Phone: (800) 234-1179

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Observe all federal, provincial and state laws concerning health, safety and pollution.