

MSDS SHEET

1. Identification of Substance/Preparation & Company

PRODUCT NAME: Lactic Acid 88%

Botanical Name/INCI Lactobacillus Ferment

PRODUCT USE: Cosmetic/Industrial

Origin: USA

SUPPLIER: Botanic Planet Canada Inc. 2 Bram Ct, Unit # 3-4 Brampton Ontario L6W 3R6 Canada

CAS Number: 8022-07-9 / 84082-83-7/8001-25-0

Phone / Fax: 905-455-4444 / 905-455-8841

Product Form: Powder

Emergency Tel No: (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. Hazards Identification

GHS Classification

Not classified as dangerous goods.

GHS Label elements, including precautionary statements

Signal: Not applicable

Hazard statement(s)

Not applicable.

Precautionary statement(s)

Not applicable

3. Composition / Information on Ingredients

Name	Hazard Category	CAS#	Weight %
Lactobacillus Ferment	Not classified	1686112-36-6	100%

4. First-Aid Measures

INHALATION: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

EYE CONTACT: Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.

SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

INGESTION: Rinse out mouth with water. Seek medical advice immediately.

OTHER: When assessing action take Risk & Safety Phrases into account (Section 15).

5. Fire Fighting Measures

EXTINGUISHING MEDIA: Use CO², Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. Accidental Release Measures

PERSONAL PRECAUTIONS: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (Safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

ENVIRONMENT PRECAUTIONS: Keep away from drains, soils, surface & ground waters. CLEAN UP METHODS Remove all potential ignition sources. Contain spilled material. Cover with an inert or FOR

SPILLAGES: non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe municipal, federal and local disposal regulations.

7. Handling & Storage

PRECAUTIONS IN HANDLING: Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene. Do not eat, drink or smoke whilst handling.

STORAGE CONDITIONS: Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

FIRE PROTECTION: Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. Exposure Controls/Personal Protection

RESPIRATORY PROTECTION: Avoid breathing product vapour. Apply local ventilation where possible.

VENTILATION: Ensure good ventilation of working area.

HAND PROTECTION: Avoid all skin contact. Use chemically resistant gloves if required.

EYE PROTECTION: Use safety glasses.

WORK / HYGIENE PRACTICES: Wash hands with soap & water after handling.

9. Physical & Chemical Properties

Appearance: Colorless or light-yellow viscous liquid

Appearance: Clear to hazy

Color: Colorless to yellow

Odor: Characteristic

Solids (1g/1hr/105°C): 6.0 - 10%

pH: 3.0 - 7.0

Physical State: Liquid

Freezing Point: 0°C

Boiling Point: 100°C

Specific Gravity: 0.990 - 1.110

Water Solubility: Complete

10. Stability & Reactivity

REACTIVITY: It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.

DECOMPOSITION: Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide and other non-identified organic compounds may be formed.

11. Toxicological Information

May be irritation to skin.

12. Ecological Information

BIODEGRADABILITY: Data not available

PRECAUTIONS: Prevent surface contamination of soil, ground & surface water.

13. Disposal Considerations

Avoid disposing to drainage systems and into the environment. Seek expert advice.

14. Transport Regulations

ROAD (ADR/RID): n/a

AIR (IATA/ICAO): n/a

SEA (IMDG): n/a

CHIP: See section 15

15. Regulatory Information According to Directive 88/379/EEC

HAZARDS: n/a

SYMBOLS: n/a

RISK PHRASES: n/a

SAFETY PHRASES: n/a

16. Other Information

Shelf life of this product depends very much on storage conditions, particularly moisture, temperature, exposure to light and air.

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CERTIFICATE OF ANALYSIS

Product Name: Leucidal Liquid SF Complete

INCI Name: Lactobacillus Ferment

Lot No: BPCLLSFC122022

Best Before: December 2025

Items	Specifications
Appearance	Clear to Hazy Liquid
Odor	Characteristic
Color	Colorless to Yellow
Solids (1g-1hr-105°C), %	6.0 – 10.0
pH (direct)	3.0 – 7.0
Specific Gravity (25°C)	0.990 – 1.110
Heavy Metal, ppm	< 20
Lead, ppm	< 10
Arsenic, ppm	< 2
Cadmium, ppm	< 1
Bacteriocins (HPLC), %	1.00 – 10.00
Minimum Inhibitory Concentration ¹	
<i>E. coli</i> (#8739)	0.25 – 1.00 %
<i>S. aureus</i> (#6538)	0.25 – 1.00 %
<i>P. aeruginosa</i> (#9027)	0.25 – 1.00 %
<i>C. albicans</i> (#10231)	0.25 – 1.00 %
<i>A. brasiliensis</i> (#16404)	0.25 – 1.00 %

For longer shelf life keep it away from direct light, heat and moisture

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