

## SDS SHEET

### 1. Identification of Substance/Preparation & Company

**PRODUCT NAME:** Leucidal® SF Complete

**PRODUCT USE:** Cosmetic/Industrial

**ORIGIN:** USA

**SUPPLIER:** Botanic Planet Canada Inc.

**ADDRESS:** 2 Bram Ct, Unit # 3-4 Brampton Ontario L6W 3R6 Canada

**PHONE/FAX:** 905-455-4444 / 905-455-8841

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

### 2. Hazards Identification

**Emergency Overview**

**GHS Classification**

Not classified.

**GHS Label elements, including precautionary statements**

Signal: Not applicable

**Hazard statement(s)**

Not applicable.

**Precautionary statement(s)**

Not applicable.

### 3. Composition / Information on Ingredients

Product Name	CAS NO	EC NO	Concentration
Lactobacillus Ferment	1686112-36-6 (or) 68333-16-4	N/A (or) N/A	75.00%
Lactobacillus	68333-16-4	N/A	20.00%
Cocos Nucifera (Coconut) Fruit Extract	8001-31-8	232-282-8	5.00%

### 4. First-Aid Measure

**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.

## 5. Fire Fighting Measures

**EXTINGUISHING MEDIA:** Use CO<sup>2</sup>, 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:** Clear to hazy liquid. Complies

**Odor:** Characteristic odor. Complies

**pH:** 3-7

**Flash Point:** <200°C

**Specific Gravity:** 0.990 – 1.110

**Solubility:** Soluble in water and Insoluble in oils. Complies

**Boiling Point:** 100°C

**Freezing Point:** 0°C

**Heavy Metals:** < 20 ppm

Lead: < 10 ppm

Arsenic: < 2 ppm

Cadmium: < 1 ppm

Bacteriocins (HPLC): 1.00 – 10.00%

Minimum Inhibitory Concentration

Organism (ATCC#):

E. coli (#8739): 0.50 – 4.00%

S. aureus (#6538): 0.25 – 1.00%

P. aeruginosa (#9027): 0.25 – 1.00%

C. albicans (#10231): 0.25 – 1.00%

A. brasiliensis (#16404): 0.25 – 1.00%

## 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

### GHS Hazard Statements


Refer to Section 2.

### GHS Precautionary Statements

Refer to Section 2.

## 16. Other Information

None.



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## CERTIFICATE OF ANALYSIS

**Product:** Leucidal® SF Complete

**INCI:** Lactobacillus Ferment

**Lot No:** BPCLSFC102024

**Best Before:** October, 2027

**Country of Origin:** USA

### Items Specifications

**Appearance:** Clear to Hazy Liquid

**Odor:** Characteristic

**Color:** Colorless to light Yellow

**Solids:** (1g-1hr-105°C), % 6.0 – 10.0

**pH:** (direct) 3.0 – 7.0

**Specific Gravity:** (25°C) 0.990 – 1.110

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

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