



Safety Data Sheet

Leucidal SF Max Natural Preservative

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Revision Date: March 13, 2023

SECTION 1. IDENTIFICATION

Product Name: Leucidal SF Max Natural Preservative
INCI Name: *Lactobacillus Ferment*
CAS#: 1686112-36-6 (or) 68333-16-4
Recommended Use: Topical Cosmetic Use
Supplier: **Bulk Naturals Wholesale LLC.**
105 N Jefferson St Ava, Mo 65608, USA
Telephone No. (24hrs): 1-573-465-0612
Emergency Telephone # : **1-573-465-0612(Mon-Fri: 8:00AM – 5:00PM CST)**

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Classification: Based on present data no classification and labeling are required according to GHS, taking into account the national implementation (United Nations version 2011).

USA OSHA Regulatory Status: This material is non-hazardous as defined by the American OSHA Hazard Communication Standard (29CFR 1910.1200).

Labeling Elements:

Hazard statement(s)/Signal Word: Not Applicable.

Precautionary statement(s):

P233 Keep the container tightly closed.
P281 Use personal protective equipment as required.
P402 Store in a dry place.
P404 Store in a closed container.
P410 Protect from sunlight.
P411 Store at temperatures not exceeding 32°C.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Product Name	CAS Numbers	EC Numbers	Percentage
Lactobacillus Ferment (Leucidal SF Max) Natural Preservatives	1686112-36-6 or 68333-16-4	-	100.0%

SECTION 4. FIRST AID MEASURES

General: In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation: Move to fresh air from the exposure area. Get medical attention for any breathing difficulty.

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Skin contact:	Rinse with soap and water. Get medical advice if irritation develops.
Eye contact:	Immediately rinse with water for at least 15 minutes, while keeping the eyes wide open. Consult with a physician.
Ingestion:	Consult with a physician.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Water, dry chemicals, foam & carbon dioxide.
Special protective equipment and precautions for fire-fighters:	Move the container from the fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of the low area.
Special hazards arising from the substance or its combustible products:	Not considered to be a fire and explosion hazard.
Protection for fire-fighters:	Boots, gloves, and goggles.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid contact with eyes. Personal Protective Equipment: -Protective goggles. Provide adequate ventilation. Avoid inhalation of dust.
Environmental precautions:	Prevent entry into sewers and waterways. Do not allow material to contaminate the ground water system.
Methods for cleaning up:	Pick up free liquid for recycling or disposal. Residual liquid can be absorbed on an inert material. Sweep or vacuum up any powder and place it in a clearly labeled waste container, avoiding dust formation.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:	Keep out of the reach of children. For industrial use, only as directed. Wash hands after use. Avoid storage near feed or food stuff.
Recommended Storage Conditions:	Keep the container closed. Store in a dry place at temperatures not exceeding 32°C. Based on stability studies, the optimum storage temperature for maximization of shelf life is 23-25°C. However, it may be stored at temperatures between 16 and 32°C if such specific temperature control is not available. Do not freeze.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	Local exhaust.
Hand protection:	Protective gloves are made of rubber or neoprene.

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Eye protection:	Safety glasses.
Collective emergency equipment:	Eye fountain.
Skin and Body Protection:	Suitable protective clothing.
Hygiene measures:	Handled in accordance with good industrial hygiene and safety practices.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear to hazy liquid.
Color (Gardner):	Colorless to yellow.
Odor:	Characteristic.
Solids (1g/1hr/105°C):	6.0 – 10.0%
pH (Direct):	3.0 – 7.0
Specific Gravity (25°C):	0.990 – 1.110
Boiling Point:	100°C
Flashpoint:	200°C.
Solubility:	Insoluble in water.

SECTION 10. STABILITY AND REACTIVITY

Chemical stability:	Stable under ordinary conditions of use and storage for up to one year then re-test to full product specifications to extend shelf life.
Conditions to avoid:	No dangerous reactions are known. Avoid extreme heat.
Materials to avoid:	No dangerous reaction known with common products.

SECTION 11. TOXICOLOGICAL INFORMATION

Inhalation:	Not Determined.
Skin contact:	Non-Irritant (Dermal Irritation Model).
Eye contact:	Non-Irritant (Ocular Irritation Model).
Ingestion:	Not Determined.
Sensitization:	Non-Primary Irritant & NonPrimary Sensitizer (RIPT, In-Vitro Skin Sensitization Report & Direct Peptide Reactivity Assay)
Mutagenicity:	Non-Mutagenic (OECD471/ISO10993.Part 3 – Genotoxicity: Bacterial Reverse Mutation Test)
Additional Toxicological Information:	This product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:

EC10 (Freshwater Alga): 125.88 mg/L - Not harmful to aquatic organisms.

EC20 (Freshwater Alga): 247.19 mg/L - Not harmful to aquatic organisms.

Products of Biodegradation:

Readily Biodegradable (91% biodegradation after 28 days of testing).

Bioaccumulation:

Not Determined.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with local, state or provincial, and federal regulations. Check with local municipal authority to ensure compliance.

SECTION 14. TRANSPORT INFORMATION

This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as Non-Regulated Material.

SECTION 15. REGULATORY INFORMATION

This product contains no chemical(s) known to the State of California to cause cancer, birth defects or reproductive harm.

SECTION 16. OTHER INFORMATION

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