



Safety Data Sheet Leucidal Liquid

Complies with 29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: Leucidal Liquid

INCI Name: Leuconostoc/Radish Root Ferment Filtrate

Material Uses: Active ingredient in cosmetic and personal care applications.

Restrictions on Use: Repackaged for cosmetic use only

Company: Lotioncrafter LLC
48 Hope Ln
Eastsound, WA 98245
PH: 1-360-376-8008

Emergency Response: In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

USA, Canada, Puerto Rico, Virgin Islands CALL +1 800-424-9300
In case of difficulties or for ships at sea CALL +1 703-527-3887
In Europe, Middle East, Africa, Asia Pacific, South America CALL +1 703-527-3887

Section 2: Hazards Identification

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Hazard Pictograms:

Signal Word: Not Applicable

Hazard Classification: This substance does not meet the criteria for a dangerous or hazardous

Hazard Category: Non-classified

Hazard Statements: Not Applicable

Precautionary Statements: P233: Keep 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 25 °C / 77 °F

Other Hazards: None

Section 3: Composition / Information on Ingredients

Name	Hazard Category	CAS#	Weight %
Water	Not classified	7732-18-5	48% - 52%
Leuconostoc/Radish Root Ferment Filtrate	Not classified	1686112-10-6	48% - 52%

Additional Information: For full text of H-statements and R-phrases: see SECTION 16



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Section 4: First Aid Measures

Notable Exposure symptoms: Not expected to be a skin or eye irritant (based on available data). Non-toxic by oral ingestion (based on nature of material). No other adverse clinical effects are known to be associated with exposure to this material. No immediate medical treatment normally needed.

If ingested: Consult with a physician

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

Eye contact: Flush with water; seek medical advice if discomfort persists

Skin contact: Wash material off the skin with soap and water

Section 5: Fire Fighting Measures

General Info: Not considered to be a fire and explosion hazard

Extinguishing Method /

Equipment: Carbon dioxide (CO₂), dry chemical, foam, halon, water spray (fog). Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

Hazardous Decomposition Info: None known

Section 6: Accidental Release Measures

Personal precautions, protective

equipment and procedures: Ensure adequate ventilation. Use chemical safety goggles for eye/face protection.

Environmental Precautions: Non-hazardous, but avoid direct releases to the environment.

Containment Equipment and

Procedures: Non-hazardous, but avoid direct releases to the environment.

Cleanup Procedures: Pick up with absorbent material and collect for disposal. Refer to Section 8 for protective equipment and Section 13 for disposal considerations.

Section 7: Handling and Storage

Safe Handling Precautions: Keep working place well ventilated; no special precautions are needed under normal use conditions

Recommendations for Storage: Avoid temperatures above 40°C (104°F). Optimum storage temperature is 24°C (75°F) or lower. Do not freeze. Avoid exposure to sunlight for prolonged periods.

Specific End Use(s): Active ingredient in cosmetic and personal care applications.



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Section 8: Exposure Control / Personal Protection

Control Parameters: No additional information available

General / Engineering

Controls: General mechanical ventilation is acceptable

Eye/face protection: Chemical goggles with side splash protection recommended. An eye wash facility should be available in the work area.

Hand Protection: Protective gloves made of rubber or neoprene

Body Protection: Suitable protective clothing

Respiratory Protection: None required under normal conditions of use

Thermal Hazards: None required under normal conditions of use

Other: Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

Environmental Exposure

Controls: Non-hazardous but avoid direct releases to the environment.

Section 9: Physical and Chemical Properties

Physical State: Liquid

Appearance: Clear to slightly hazy

Color: Yellow to light amber

Odor: Characteristic

Odor Threshold: No data available

pH: 4.0 - 6.0

Melting Point: Not applicable

Freezing Point: 0°C

Boiling Point: 212°F / 100°C

Flash Point (COC): > 200°F (Not flammable)

Auto-ignition Temperature: Not available

Decomposition Temperature: Not available

Evaporation Rate: Not applicable

Vapor Pressure: ~20mm Hg

Phenolics: 18% - 22%

Vapor Density: Not applicable

Specific Gravity: 1.140 - 1.180

Water Solubility: Soluble

Heavy Metals: < 20 ppm

Arsenic: < 2 ppm

Oxidizing Properties: Non oxidizing material according to EC criteria

Ninhydrin: Positive

Other information: None available



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Section 10: Stability and Reactivity

Reactivity: Not reactive under normal conditions of use

Chemical Stability: Stable under ordinary conditions of use and storage up to one year then re-test to full product specifications to extend shelf life

Possibility of Hazardous

Reactions: None known

Conditions to Avoid: Gross bacterial contamination

Incompatible Materials: No dangerous reactions known under use of normal conditions. Avoid extreme heat

Hazardous Decomposition

Products: None known

Section 11: Toxicological Information

Acute Toxicity: EC50 (Acute Daphnia): 131 mg/L - Not harmful to aquatic organisms

Irritation: *in vitro* dermal testing of similar materials show product to be non-irritating.

Corrosivity: This is not a corrosive product.

Sensitization: Non-Primary Irritant & Non-Primary Sensitizer (RIPT , In-Vitro Skin Sensitization Report & Direct Peptide Reactivity Assay)

Repeated Dose Toxicity: No data available

Carcinogenicity: None of the components are listed as a carcinogen by IARC, NTP, OSHA, ACGIH or the EU Substances Directive.

Mutagenicity: Not expected to present a germ cell mutagenicity hazard.

Toxicity for reproduction: Not expected to affect reproduction or development

Section 12: Ecological Information

Toxicity: No ecotoxicity data available.

Aquatic Toxicity: No data available

Persistence and Degradability: Readily biodegradable

Bioaccumulative Potential: Not expected to be bio-accumulative in aquatic organisms

Mobility in Soil: Ultimate destination of the product: Soil & sediment

Results of PBT and vPvB

Assessment: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Other Adverse Effects: None known



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Section 13: Disposal Information

Product disposal: Dispose of product in accordance with local, regional, and national regulations.

Container disposal: Dispose of container in accordance with licensed collector's sorting instructions.

Other considerations: No further information.

Section 14: Transport Information

	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
UN Number:	Not Regulated	Not Regulated	Not Regulated	Not Regulated
UN Proper Shipping Name:	Not Regulated	Not Regulated	Not Regulated	Not Regulated
Transport Hazard Class(es):	Not applicable	Not applicable	Not applicable	Not applicable
Packing Group:	Not applicable	Not applicable	Not applicable	Not applicable
Environmental Hazards:	Not applicable	Not applicable	Not applicable	Not applicable
Special Precautions for User:	None	None	None	None
Trasport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable	Not applicable	Not applicable	Not applicable

Section 15: Regulatory Information

EU EINECS/ELINCS/NLP: Aqua: 231-791-2

Canada DSL/NDSL: Listed on the NDSL

US TSCA: Exempt

Korea KECI: Listed on the ECL

China IECSC: Listed on the Republic of China's IECSC in China

Japan ENCS: All substances in product are listed on the Japanese ENCS Inventory

Philippine PICCS: Not listed

Australia AICS: Not Listed: 1686112-10-6 Listed: 7732-18-5

Chemical Safety Assessment: No Chemical Safety Assessment has been carried out for this mixture by the supplier.



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Section 16: Other Information

Indication of Changes: Created June 20th 2017

List of Relevant R-phrases

(number and full text): Not applicable

Legal Disclaimer: Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

Lotioncrafter provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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