

Pembroke Road, Ruislip HA4 8NQ

SAFETY DATA SHEET

Section 1: Identification

Product Name: Organic Shiitake liquid extract

Product Identification: OSL

Other Means of Identification: Dual liquid extract made from 100% shiitake (*Lentinula*

edodes) fruiting bodies. Extract contains 25% alcohol.

Country of Manufacture: Finland

Recommended Use: Ingredient for use in dietary supplements, food

products and cosmetics (topical and internal)

Supplier's Details: Ecodrop Limited

Pembroke Lodge, 3 Pembroke Road, Ruislip HA4 8NQ

Support@ecodrop.co.uk

Section 2: Hazard(s) Identification

Classification of the Chemical: Flammable liquids, Category 3 **Hazard Statements:** H320: Causes eye irritation

H226: Flammable liquid



Symbol:

Precautionary Statements: Keep away from heat, hot surfaces and other ignition

sources.

Hazards Not Otherwise Classified: N/A

Section 3: Composition/Information on Ingredients

Chemical Name: Dual liquid extract produced from organic

Shiitake (Lentinula edodes) fruiting bodies

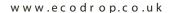
(mushrooms)

Common Name and Synonyms:Dual liquid extract

Components and Concentration: 100% shiitake fruiting bodies. Extract contains 25%

alcohol.







Section 4: First-Aid Measures

Inhalation: Move casualty to fresh air from the exposure area. Get

medical attention for any breathing difficulty.

Eye Contact: Immediately rinse with plenty of water for at least 15

minutes, while keeping the eyes wide open. Consult

with a physician.

Skin Contact: Run water over the affected area for 15 minutes. A mild

soap may be used if available. If symptoms occur,

consult a physician.

Ingestion: Consult a physician if symptoms occur.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media: Unsuitable Extinguishing Media: Unusual Fire or Explosion Hazards: Special Protective Equipment and Precautions for Firefighters: Water spray, foam, CO2, dry chemical powder

No restriction known

Flammable liquids, Category 3

Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion

by-products. Stay upwind and keep out of low area

Section 6: Accidental Release Measures

Personal Precautions and Protective

Equipment:

Avoid contact with eyes and avoid inhalation

Personal Protective Equipment:

-Protective goggles

-respiratory protective device

Environmental precautions: Prevent entry into sewers and waterways. Do not allow

material to contaminate groundwater system

Methods for Cleanup of Spill: Spilled product must never be returned to the original

container for recycling, sweep up or absorb material, then place into a suitable clean dry, closed container for disposal. Wash the area with detergent and water.





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Section 7: Handling and Storage

Precautions of Safe Handling: Product should be handled according to good

industrial practice. Use in well ventilated area avoid inhaling vapour. Avoid contact with eyes and skin. Keep the container tightly closed when not in use.

Keep away from sources of ignition. - No smoking. Standard

measures for fire prevention.

Technical measures: Labeling: Keep out of the reach of children.

Standard measures: For Commercial use, only as directed by manufacturer

Safe handling advice: Wash hands after use.

Technical measures: Keep containers tightly closed.

Recommended safe storage conditions: Store in a cool, dry place protected from light, moisture

and oxygen. This material must be stored at room temperature (15-20°C). It should not be exposed to

excessive heat or cold. Do not freeze.

Packaging: high density polyethylene (PE-HD) food grade

container

Section 8: Exposure Controls/Personal Protection

Permissible Exposure Limit: Not Available

Engineering Controls: Handle in accordance with good industrial hygiene

and safety practice. Adequate ventilation systems as needed to control concentrations of airborne

dust below applicable threshold limits.

Individual Hygiene Measures: Handle in accordance with good industrial hygiene and

safety practice.

Eye/face Protection: Safety glasses with side-shields may be appropriate.

No special hand protection is needed under normal conditions of use. No special clothing is required.

Respiratory Protection: Use respiratory protective device for

exposure above permissible exposure limits.

Section 9: Physical and Chemical Properties

Appearance: Brown liquid

Odor: Characteristic of Shiitake fruiting bodies

pH: Not available
Melting/Freezing Point: Not available
Boiling Point, Range: 80 degrees celsius
Solubility: Not fully soluble
Flash point: Not available



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Evaporation rate:Not availableFlammability (solid, gas):Not availableVapour pressure:Not availableVapour density:Not available

Ethanol content: 25%

Section 10: Stability and Reactivity

Reactivity: Sensitive to light, moisture and oxygen. No specific test

data related to reactivity is available for this product.

Chemical Stability: Stable under ordinary conditions of use and storage up

to three years then re-test to full product specifications

to extend shelf life.

Possibility of Hazardous Reactions:

Conditions to Avoid: Standard measures for fire prevention.

Incompatible Materials: No dangerous reaction known with common products.

Flammable

Hazardous Decomposition Products: None known

Section 11: Toxicological Information

General Information: Based on our experience, we consider Shiitake dual

liquid extract not toxic and not harmful in the

recommended daily dose. Not suitable for children or

during pregnancy.

Likely Routes of Exposure: Inhalation, Ingestion, Skin Contact, Eye Contact

Acute Oral Toxicity: Acute oral toxicity: LD50 (oral. Rat): 6200 mg/kg (CHP)

(Ethanol)

Acute dermal toxicity: LD50 (dermal. Rabbit): >20000

mg/kg (CHP) (Ethanol)

Acute inhalation toxicity: LC50 (inhalative. Rat. 4h):

>8000 mg/l (CHP) (Ethanol)

Skin Irritation:None knownEye Irritation:Mildly irritating

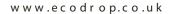
Potential Acute Health Effects

Inhalation:None knownSkin Contact:None knownEye Contact:May cause irritation

Ingestion: May experience mild side-effects including, stomach

ache, nausea, headache and dry mouth

Potential Chronic Health Effects: None known





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Section 12: Ecological Information

General Information:Not determinedAcute Fish Toxicity:Not determinedAcute Bacterial Toxicity:Not determinedUltimate Biodegradation:Not determined

Environmental Exposure Controls: In some cases, filters or engineering modifications to

the process equipment will be necessary to reduce the release of fine particulate matter into the environment.

Section 13: Disposal Considerations

Disposal Methods: Dispose of in accordance with relevant local

regulations. Do not allow products to be released into

the environment.

Contaminated Packaging:Cleaning is not required prior to disposal according to

relevant local regulations

Section 14: Transport Information

Classification: R10 Flammable liquid

UN number: 1293 (tincture)
Proper shipping name: Ethanol solution

Transport hazard class: 3
Packing group: 2

Environmental Hazards:Special Precautions for User:
None known
No data available

Section 15: Regulatory Information

General regulatory info: Water hazard class (WGK): slightly hazardous to water

(WGK 1)

EU: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No

1488/94 as Commission well as Council Directive 76/769/EEC and

Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (Text with EEA relevance)



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EU: Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance)

EU: Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance)

Section 16: Other Information

Disclaimer:	The information give	/en
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n is based on our knowledge of this product, at the time of publication, in good faith. The attention of the user is drawn to the possible risks incurred by using or handling the product for any other purpose other than its intended use. This does not excuse the user from knowing and applying all the regulations governing their activity. It is the sole responsibility of the user to take necessary precautions

required in handling the product. The purpose mandatory regulation mentioned is to help the fulfill their obligations regarding the use of said product. The information cannot be transferred

products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Last Revision Date: 10th of August 2020

Doug Brunson

Quality Control Manager

KÄÄPÄ Biotech Oy

Karjalohja, Finland