



# Organic Lavender in Glycerin

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Issue date: 9/25/2025

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : Organic Lavender in Glycerin  
Product code : 3285ORG

#### 1.2. Recommended use and restrictions on use

No additional information available

#### 1.3. Supplier

Bio-Botanica, Inc.  
75 Commerce Drive  
Hauppauge, NY, 11788  
US  
T (631) 231-5522 - F (631) 231 - 7332  
[sds@bio-botanica.com](mailto:sds@bio-botanica.com) - [www.bio-botanica.com](http://www.bio-botanica.com)

#### 1.4. Emergency telephone number

Emergency number : +1-800-424-9300 / +1 703-527-3887

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

|                                            |      |                                     |
|--------------------------------------------|------|-------------------------------------|
| Flammable liquids, Category 2              | H225 | Highly flammable liquid and vapour. |
| Carcinogenicity, Category 1A               | H350 | May cause cancer.                   |
| Full text of H statements : see section 16 |      |                                     |

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labelling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger

Hazard statements (GHS US) : H225 - Highly flammable liquid and vapour.  
H350 - May cause cancer.

Precautionary statements (GHS US) : P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground/Bond container and receiving equipment.  
P241 - Use explosion-proof electrical/ventilating/lighting equipment.  
P242 - Use only non-sparking tools.  
P243 - Take precautionary measures against static discharge.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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P308+P313 - If exposed or concerned: Get medical advice/attention.  
P370+P378 - In case of fire: Use media other than water to extinguish.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name                  | Product identifier  | %       | GHS US classification                |
|-----------------------|---------------------|---------|--------------------------------------|
| Organic Glycerin      | CAS-No.: 56-81-5    | 75 – 85 | Not classified                       |
| Water                 | CAS-No.: 7732-18-5  | 15 – 22 | Not classified                       |
| Organic Ethyl Alcohol | CAS-No.: 64-17-5    | < 3.25  | Flam. Liq. 2, H225<br>Carc. 1A, H350 |
| Organic Lavender Herb | CAS-No.: 84776-65-8 | < 0.4   | Not classified                       |

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

No additional information available

### 4.2. Most important symptoms and effects (acute and delayed)

No additional information available

### 4.3. Immediate medical attention and special treatment, if necessary

No additional information available

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

No additional information available

### 5.2. Specific hazards arising from the chemical

No additional information available

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### 5.3. Special protective equipment and precautions for fire-fighters

No additional information available

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

No additional information available

### 6.3. Methods and material for containment and cleaning up

No additional information available

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

No additional information available

### 7.2. Conditions for safe storage, including any incompatibilities

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Organic Glycerin (56-81-5)                 |                                                                                                   |
|--------------------------------------------|---------------------------------------------------------------------------------------------------|
| USA - OSHA - Occupational Exposure Limits  |                                                                                                   |
| Local name                                 | Glycerin (mist)                                                                                   |
| OSHA PEL TWA                               | 15 mg/m <sup>3</sup> (Total dust)<br>5 mg/m <sup>3</sup> (Respirable fraction)                    |
| Regulatory reference (US-OSHA)             | OSHA Annotated Table Z-1                                                                          |
| Organic Ethyl Alcohol (64-17-5)            |                                                                                                   |
| USA - ACGIH - Occupational Exposure Limits |                                                                                                   |
| Local name                                 | Ethanol                                                                                           |
| ACGIH OEL STEL                             | 1000 ppm                                                                                          |
| Remark (ACGIH)                             | TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans) |

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| Organic Ethyl Alcohol (64-17-5)           |                          |
|-------------------------------------------|--------------------------|
| Regulatory reference                      | ACGIH 2020               |
| USA - OSHA - Occupational Exposure Limits |                          |
| Local name                                | Ethyl alcohol (Ethanol)  |
| OSHA PEL TWA                              | 1900 mg/m <sup>3</sup>   |
|                                           | 1000 ppm                 |
| Regulatory reference (US-OSHA)            | OSHA Annotated Table Z-1 |

### 8.2. Appropriate engineering controls

No additional information available

### 8.3. Individual protection measures/Personal protective equipment

No additional information available

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| Physical state                                  | : Liquid              |
| Appearance                                      | : Transparent Liquid. |
| Colour                                          | : Yellow - Amber      |
| Odour                                           | : Characteristic      |
| Odour threshold                                 | : No data available   |
| pH                                              | : 4 – 6.5             |
| Melting point                                   | : No data available   |
| Freezing point                                  | : No data available   |
| Boiling point                                   | : No data available   |
| Flash point                                     | : No data available   |
| Relative evaporation rate (butylacetate=1)      | : No data available   |
| Flammability (solid, gas)                       | : No data available   |
| Vapour pressure                                 | : No data available   |
| Relative vapour density at 20 °C                | : No data available   |
| Relative density                                | : No data available   |
| Solubility                                      | : No data available   |
| Partition coefficient n-octanol/water (Log Pow) | : No data available   |
| Auto-ignition temperature                       | : No data available   |
| Decomposition temperature                       | : No data available   |
| Viscosity, kinematic                            | : No data available   |
| Viscosity, dynamic                              | : No data available   |
| Explosive limits                                | : No data available   |
| Explosive properties                            | : No data available   |
| Oxidising properties                            | : No data available   |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

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### 10.2. Chemical stability

No additional information available

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### Organic Glycerin (56-81-5)

|                            |                                                                                               |
|----------------------------|-----------------------------------------------------------------------------------------------|
| LD50 oral rat              | 27200 mg/kg (OECD 401: Acute Oral Toxicity, Rat, Female, Experimental value, Oral, 10 day(s)) |
| LD50 dermal                | 56750 mg/kg (4 day(s), Guinea pig, Male / female, Experimental value, Dermal, 14 day(s))      |
| LC50 inhalation rat (mg/l) | > 2.75 mg/l (4 h, Rat, Male, Experimental value, Converted value, Inhalation (vapours))       |

#### Organic Ethyl Alcohol (64-17-5)

|                            |                                  |
|----------------------------|----------------------------------|
| LD50 oral rat              | > 5000 mg/kg (Rat, Oral)         |
| LD50 dermal rabbit         | > 5000 mg/kg (Rabbit, Dermal)    |
| LC50 inhalation rat (mg/l) | > 20 mg/l (4 h, Rat, Inhalation) |

Skin corrosion/irritation : Not classified  
pH: 4 – 6.5

#### Organic Glycerin (56-81-5)

|    |         |
|----|---------|
| pH | 5.5 – 8 |
|----|---------|

#### Organic Ethyl Alcohol (64-17-5)

|    |                    |
|----|--------------------|
| pH | 7 (789 g/l, 20 °C) |
|----|--------------------|

Serious eye damage/irritation : Not classified  
pH: 4 – 6.5

#### Organic Glycerin (56-81-5)

|    |         |
|----|---------|
| pH | 5.5 – 8 |
|----|---------|

#### Organic Ethyl Alcohol (64-17-5)

|    |                    |
|----|--------------------|
| pH | 7 (789 g/l, 20 °C) |
|----|--------------------|

Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified

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Carcinogenicity : May cause cancer.

| Organic Ethyl Alcohol (64-17-5) |                            |
|---------------------------------|----------------------------|
| IARC group                      | 1 - Carcinogenic to humans |

Reproductive toxicity : Not classified  
STOT-single exposure : Not classified  
STOT-repeated exposure : Not classified  
Aspiration hazard : Not classified  
Viscosity, kinematic : No data available

| Organic Glycerin (56-81-5) |                                     |
|----------------------------|-------------------------------------|
| Viscosity, kinematic       | No data available in the literature |

| Organic Ethyl Alcohol (64-17-5) |                                |
|---------------------------------|--------------------------------|
| Viscosity, kinematic            | 1.6 mm <sup>2</sup> /s (20 °C) |

## SECTION 12: Ecological information

### 12.1. Toxicity

| Organic Glycerin (56-81-5) |                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]            | 54000 mg/l (96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, Lethal)       |
| EC50 - Daphnia [1]         | > 10000 mg/l (24 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect) |

| Organic Ethyl Alcohol (64-17-5) |                                                    |
|---------------------------------|----------------------------------------------------|
| LC50 - Fish [1]                 | 13000 mg/l (96 h, Salmo gairdneri, Pure substance) |
| EC50 - Daphnia [1]              | 9300 mg/l (48 h, Daphnia magna, Pure substance)    |
| EC50 72h - Algae [1]            | 5000 mg/l (Algae, Pure substance)                  |

### 12.2. Persistence and degradability

| Organic Lavender in Glycerin  |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |

| Organic Glycerin (56-81-5)      |                                     |
|---------------------------------|-------------------------------------|
| Persistence and degradability   | Readily biodegradable in water.     |
| Biochemical oxygen demand (BOD) | 0.87 g O <sub>2</sub> /g substance  |
| Chemical oxygen demand (COD)    | 1.16 g O <sub>2</sub> /g substance  |
| ThOD                            | 1.217 g O <sub>2</sub> /g substance |

| Water (7732-18-5)             |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |

| Organic Ethyl Alcohol (64-17-5) |                                           |
|---------------------------------|-------------------------------------------|
| Persistence and degradability   | Readily biodegradable in water.           |
| Biochemical oxygen demand (BOD) | 0.8 – 0.967 g O <sub>2</sub> /g substance |
| Chemical oxygen demand (COD)    | 1.7 g O <sub>2</sub> /g substance         |

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### Organic Ethyl Alcohol (64-17-5)

|                 |                                   |
|-----------------|-----------------------------------|
| ThOD            | 2.1 g O <sub>2</sub> /g substance |
| BOD (% of ThOD) | 0.43                              |

### Organic Lavender Herb (84776-65-8)

|                               |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |
|-------------------------------|------------------------|

## 12.3. Bioaccumulative potential

### Organic Glycerin (56-81-5)

|                                                 |                                                                      |
|-------------------------------------------------|----------------------------------------------------------------------|
| Partition coefficient n-octanol/water (Log Pow) | -1.75 (Experimental value, Equivalent or similar to OECD 107, 25 °C) |
| Bioaccumulative potential                       | Not bioaccumulative.                                                 |

### Organic Ethyl Alcohol (64-17-5)

|                                                 |                                                                           |
|-------------------------------------------------|---------------------------------------------------------------------------|
| BCF - Fish [1]                                  | 1 (Other, 72 h, Cyprinus carpio, Static system, Fresh water, Read-across) |
| Partition coefficient n-octanol/water (Log Pow) | -0.32                                                                     |
| Bioaccumulative potential                       | Not bioaccumulative.                                                      |

## 12.4. Mobility in soil

### Organic Glycerin (56-81-5)

|                                                            |                                                  |
|------------------------------------------------------------|--------------------------------------------------|
| Surface tension                                            | 63.4 mN/m (20 °C, 1000 g/l)                      |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 0 (log Koc, SRC PCKOCWIN v2.0, Calculated value) |
| Ecology - soil                                             | Highly mobile in soil.                           |

### Organic Ethyl Alcohol (64-17-5)

|                                                            |                                                          |
|------------------------------------------------------------|----------------------------------------------------------|
| Surface tension                                            | 22.31 mN/m (20 °C, 100 %)                                |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 0.2 (log Koc, Experimental value)                        |
| Ecology - soil                                             | No (test)data on mobility of the component(s) available. |

## 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

No additional information available

## SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

### 14.1. UN number

|              |                  |
|--------------|------------------|
| UN-No.(DOT)  | : Not regulated  |
| UN-No. (TDG) | : Not applicable |

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UN-No. (IMDG) : Not applicable  
UN-No. (IATA) : Not applicable

### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not regulated  
Proper Shipping Name (TDG) : Not applicable  
Proper Shipping Name (IMDG) : Not applicable  
Proper Shipping Name (IATA) : Not applicable

### 14.3. Transport hazard class(es)

**DOT**  
Transport hazard class(es) (DOT) : Not regulated

**TDG**  
Transport hazard class(es) (TDG) : Not applicable

**IMDG**  
Transport hazard class(es) (IMDG) : Not applicable

**IATA**  
Transport hazard class(es) (IATA) : Not applicable

### 14.4. Packing group

Packing group (DOT) : Not regulated  
Packing group (TDG) : Not applicable  
Packing group (IMDG) : Not applicable  
Packing group (IATA) : Not applicable

### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Special precautions for user

**DOT**  
Not regulated

**TDG**  
Not applicable

**IMDG**  
Not applicable

**IATA**  
Not applicable

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

|                       |                    |        |
|-----------------------|--------------------|--------|
| Organic Lavender Herb | CAS-No. 84776-65-8 | < 0.4% |
|-----------------------|--------------------|--------|

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This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

### 15.2. International regulations

#### CANADA

##### Organic Glycerin (56-81-5)

Listed on the Canadian DSL (Domestic Substances List)

##### Water (7732-18-5)

Listed on the Canadian DSL (Domestic Substances List)

##### Organic Ethyl Alcohol (64-17-5)

Listed on the Canadian DSL (Domestic Substances List)

##### Organic Lavender Herb (84776-65-8)

Listed on the Canadian DSL (Domestic Substances List)

#### EU-Regulations

No additional information available

#### National regulations

##### Organic Ethyl Alcohol (64-17-5)

Listed on IARC (International Agency for Research on Cancer)

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

| Component                      | State or local regulations                                                                                                                            |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Organic Glycerin(56-81-5)      | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List                                            |
| Organic Ethyl Alcohol(64-17-5) | U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List |

## SECTION 16: Other information

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#### Full text of hazard classes and H-statements

|      |                                     |
|------|-------------------------------------|
| H225 | Highly flammable liquid and vapour. |
| H350 | May cause cancer.                   |

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Bio Botanica, Inc. cannot anticipate all conditions under this information and its product or in combination of products of other manufacturers. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product. Bio Botanica will not assume liability for loss, injury, damage, or expense due to improper use. The information stated in this document was written based on the best knowledge and experience currently available. The above data relates only to this product and not its use in combination with any other material or process. This document has been created as a guidance for safe handling, use, processing, storage, transportation, disposal, and should not be considered as a guarantee or quality specification. The above information is based on data provided by and collected from recognized sources such as distributors, manufacturers, and technical groups. To the best of Bio Botanica's knowledge this Safety Data Sheet is considered accurate as of the date of this document.

It is the responsibility of the user to review all safety information about this product and determine its safety and suitability in their own processes and operations. Appropriate warnings and safe handling procedures should be provided to all handlers and users, considering the intended use and the specific conditions and factors relating to such use in accordance with all applicable laws and regulations.