

Safety Data Sheet

Willow and Ivy Fragrance Oil (V001266)

March 26, 2020

Section 1: Chemical Product and Company Identification

Product name: Willow and Ivy Fragrance Oil
Contact Info: YouWish
Venserweg 21 M
1112 AR Diemen
The Netherlands
www.youwish.nl
Within USA & Canada: 1.800.424.9300 CCN693143
Emergency Phone Number: Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

This mixture has not been tested as a whole. The effects, listed below, are based on evaluation of individual components in accordance with the provisions of the regulation(s) noted below.

Classification according to GHS and (EC) No 1272/2008 (CLP)

| | |
|---------------------------------------|--|
| Acute Toxicity Oral, Category 5 | H303 : May be harmful if swallowed |
| Acute Toxicity Dermal, Category 5 | H313 : May be harmful in contact with skin |
| Skin Corrosion/Irritation, Category 2 | H315 : Causes skin irritation |
| Sensitization, Skin, Category 1B | H317 : May cause an allergic skin reaction |
| Eye Damage/Eye Irritation, Category 1 | H318 : Causes serious eye damage |
| Acute Toxicity Inhalation, Category 5 | H333 : May be harmful if inhaled |
| Aquatic Acute Toxicity, Category 1 | H400 : Very Toxic to aquatic life |
| Aquatic Chronic Toxicity, Category 2 | H411 : Toxic to aquatic life with long lasting effects |

Classification OSHA (Provisions 1910.1200 of title 29)

| | |
|---------------------------------------|-----------------------------------|
| Skin Corrosion/Irritation, Category 2 | H315 : Causes skin irritation |
| Eye Damage/Eye Irritation, Category 1 | H318 : Causes serious eye damage |
| Aquatic Acute Toxicity, Category 1 | H400 : Very Toxic to aquatic life |

Classification Other

Carcinogenicity This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following: None [X] ACGIH [] IARC [] NTP [] OSHA []

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal Word: Warning

Hazard statements

| | |
|------|---|
| H303 | May be harmful if swallowed |
| H313 | May be harmful in contact with skin |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |
| H333 | May be harmful if inhaled |
| H400 | Very Toxic to aquatic life |
| H411 | Toxic to aquatic life with long lasting effects |

Precautionary Statements

Prevention:

| | |
|------|---|
| P264 | Wash hands thoroughly after handling |
| P272 | Contaminated work clothing should not be allowed out of the workplace |
| P273 | Avoid release to the environment |

Response:

| | |
|--------------------|---|
| P302 + P352 | IF ON SKIN: Wash with soap and water |
| P304 + P312 | IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses if present and easy to do. continue rinsing |
| P310 | Immediately call a POISON CENTER or doctor/physician |
| P312 | Call a POISON CENTER or doctor/physician if you feel unwell |
| P333 + P313 | If skin irritation or a rash occurs: Get medical advice/attention |
| P362 | Take off contaminated clothing and wash before reuse |
| P363 | Wash contaminated clothing before reuse |
| P391 | Collect Spillage |

Section 3: Composition/Information on Ingredients

3.1 Mixtures

This product is a complex mixture of ingredients, which contains among others the following substance(s), presenting a health or environmental hazard within the meaning of the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS):

| CAS# <i>Ingredient</i> | EC# | Conc. Range | GHS Classification |
|---|-----------|----------------|---------------------------------------|
| Benzyl Benzoate 120-51-4 | 204-402-9 | 40 - 50 % | H302; H313; H400; H411 |
| Methyldihydrojasmonate 24851-98-7 | 246-495-9 | 10 - 20 % | H402 |
| Ethylene brassylate 105-95-3 | 203-347-8 | 10 - 20 % | H401 |
| Geraniol 106-24-1 | 203-377-1 | 5 - 10 % | H303; H315; H317; H318; H402 |
| Hexamethylindanopyran 1222-05-5 | 214-946-9 | 2 - 5 % | H226; H304; H315; H317; H400; H410 |
| Nerol 106-25-2 | 203-378-7 | 2 - 5 % | H303; H315; H317; H319; H401 |
| Benzyl acetate 140-11-4 | 205-399-7 | 2 - 5 % | H303; H401; H412 |
| a-Isomethyl ionone 127-51-5 | 204-846-3 | 2 - 5 % | H316; H317; H320; H401; H411 |
| Heliotropine 120-57-0 | 204-409-7 | 1 - 2 % | H303; H317; H401 |
| Linalyl Acetate 115-95-7 | 204-116-4 | 1 - 2 % | H227; H315; H317; H320; H402 |
| Isocamphenyl cyclohexanol (mixed isomers) 66068-84-6 | 266-100-3 | 1 - 2 % | H315; H401; H411 |
| Limonene 5989-27-5 | 227-813-5 | 1 - 2 % | H226; H304; H315; H317; H400; H410 |
| Linalool 78-70-6 | 201-134-4 | 1 - 2 % | H227; H303; H315; H317; H319; H402 |
| Nerolidol 7212-44-4 | 230-597-5 | 1 - 2 % | H317; H320; H400; H410 |
| 2,4-Dimethyl-4,4a,5,9b- tetrahydroindeno[1,2-d]-1,3-dioxin 27606-09-3 | 248-561-2 | 1 - 2 % | H302 |

See Section 16 for full text of GHS classification codes
 Total Hydrocarbon Content (% w/w) = 1.47

Section 4: First Aid Measures

4.1 Description of first aid measures

Inhalation: Remove from exposure site to fresh air and keep at rest. Obtain medical advice.

Eye Exposure: Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

Skin Exposure: Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.

Ingestion: Rinse mouth with water and obtain medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: no data available

Risks: Refer to Section 2.2 "Hazard Statements"

4.3 Indication of any immediate medical attention and special treatment needed Treatment:

Refer to Section 2.2 "Response"

Section 5: Fire-Fighting Measures

5.1 Extinguishing media

Suitable: Carbon dioxide (CO₂), Dry chemical, Foam

Unsuitable: Do not use a direct water jet on burning material

5.2 Special hazards arising from the substance or mixture

During fire fighting: Water may be ineffective

5.3 Advice for firefighters

Further information: Standard procedure for chemical fires

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.

6.2 Environmental precautions

Keep away from drains, soil, and surface and groundwater.

6.3 Methods and materials for containment and cleaning up

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Gross spillages should be contained by use of sand or inert powder and disposed of according to the local regulations.

6.4 Reference to other sections

Not Applicable

Section 7: Handling and Storage

7.1 Precautions for safe handling

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original container. Avoid plastic and uncoated metal container. Keep air contact to a minimum.

7.3 Specific end uses

No information available

Section 8: Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits:

| Component | ACGIH TWA ppm | ACGIH STEL ppm | OSHA TWA ppm | OSHA STEL ppm |
|-------------------------|------------------|-------------------|-----------------|------------------|
| 140-11-4 Benzyl acetate | 10 | | | |

Engineering Controls: Use local exhaust as needed.

8.2 Exposure controls - Personal protective equipment

Eye protection: Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc. as may be appropriate for the exposure

Respiratory protection: Avoid excessive inhalation of concentrated vapors. Apply local ventilation where appropriate.

Skin protection: Avoid Skin contact. Use chemically resistant gloves as needed.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance: Liquid

Odor: Conforms to Standard

Color: Conforms to Standard

Viscosity: Liquid

Freezing Point: Not determined

Boiling Point: Not determined

Melting Point: Not determined

Flashpoint (CCCFP): >200 F (93.33 C)

Auto flammability: Not determined

Explosive Properties: None Expected

Oxidizing properties: None Expected

Vapor Pressure (mmHg@20 C): 0.0280

%VOC: 0.03

Specific Gravity @ 25 C: Not determined
Density @ 25 C: Not determined
Refractive Index @ 20 C: Not determined
Soluble in: Oil

Section 10: Stability and Reactivity

| | |
|---|--|
| Reactivity | None |
| Chemical stability | Stable |
| Possibility of hazardous reactions | None known |
| Conditions to avoid | None known |
| Incompatible materials | Strong oxidizing agents, strong acids, and alkalis |
| Hazardous decomposition products | None known |

Section 11: Toxicological Information

11.1 Toxicological Effects

Acute Toxicity Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the "Additivity Formula"

| | |
|---|--|
| Acute toxicity - Oral - (Rat) mg/kg | (LD50: 2179.9934) May be harmful if swallowed |
| Acute toxicity - Dermal - (Rabbit) mg/kg | (LD50: 4223.9021) May be harmful in contact with skin |
| Acute toxicity - Inhalation - (Rat) mg/L/4hr | (LD50: 58.1940) May be harmful if inhaled |
| Skin corrosion / irritation | Causes skin irritation |
| Serious eye damage / irritation | Causes serious eye damage |
| Respiratory sensitization | Not classified - the classification criteria are not met |
| Skin sensitization | May cause an allergic skin reaction |
| Germ cell mutagenicity | Not classified - the classification criteria are not met |
| Carcinogenicity | Not classified - the classification criteria are not met |
| Reproductive toxicity | Not classified - the classification criteria are not met |
| Specific target organ toxicity - single exposure | Not classified - the classification criteria are not met |
| Specific target organ toxicity - repeated exposure | Not classified - the classification criteria are not met |
| Aspiration hazard | Not classified - the classification criteria are not met |

Section 12: Ecological Information

12.1 Toxicity

Acute aquatic toxicity: Very Toxic to aquatic life

Chronic aquatic toxicity: Toxic to aquatic life with long lasting effects.

Toxicity Data on soil: No data available.

Toxicity on other organisms: No data available.

12.2 Persistence and degradability: No data available.

12.3 Bioaccumulative potential: No data available.

12.4 Mobility in soil: No data available.

12.5 Other adverse effects: No data available.

Section 13: Disposal Conditions

13.1 Waste treatment methods

Do not allow product to reach sewage systems. Dispose of in accordance with all local and national regulations. Send to a licensed waste management company. The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container.

Section 14: Transport Information

Marine Pollutant Yes. Ingredient of greatest environmental impact :
 120-51-4 : (40 - 50 %) : Benzyl Benzoate

| Regulator | Class | Pack Group | Sub Risk | UN-nr. |
|--|-------------------------------------|------------|----------|--------|
| U.S. DOT (Non-Bulk) Chemicals NOI | Not Regulated – Not Dangerous Goods | | | |
| ADR/RID (International Road/Rail) Environmentally Hazardous Substance, Liquid, n.o.s. | 9 | III | | UN3082 |
| IATA (Air Cargo) Environmentally Hazardous Substance, Liquid, n.o.s. | 9 | III | | UN3082 |
| IMDG (Sea) Environmentally Hazardous Substance, Liquid, n.o.s. | 9 | III | | UN3082 |

Section 15: Regulatory Information

U.S. Federal Regulations:

TSCA (Toxic Substance Control Act): All components of the substance/mixture are listed or exempt.

40 CFR (EPCRA, SARA, CERCLA and CAA): This product contains NO components of concern.

U.S. State Regulations:

California Proposition 65 Warning: This product contains the following components:

123-35-3(NF 204-622-5 0.01 - 0.1% beta-Myrcene (Natural Source)

Canadian Regulations:

DSL

94201-73-7 303-662-1 <= 20 ppm Tetrahydro-4-methyl-2-phenyl-2H-pyran
 149713-23-5 <= 6 ppm 2H-Pyran, tetrahydro-4-methyl-2-phenyl-,(2R,4S)-rel

Section 16: Other Information

GHS H-Statements referred to under section 3

H226 : Flammable liquid and vapour H227 : Combustible liquid
H302 : Harmful if swallowed H304 : May be fatal if swallowed and enters airways
H316 : Causes mild skin irritation H317 : May cause an allergic skin reaction
H319 : Causes serious eye irritation H320 : Causes eye irritation
H401 : Toxic to aquatic life H402 : Harmful to aquatic life
H410 : Very toxic to aquatic life with long lasting effects
H412 : Harmful to aquatic life with long lasting effects

Total Fractional Values

(TFV) Risk

(85.92) Acute Toxicity Inhalation, Category 5
(5.81) Eye Damage/Eye Irritation, Category 2A
(4.71) Aquatic Chronic Toxicity, Category 2
(2.29) Acute Toxicity Oral, Category 5
(2.15) Skin Corrosion/Irritation, Category 3
(1.45) Skin Corrosion/Irritation, Category 2

(TFV) Risk

(47.23) Aquatic Chronic Toxicity, Category 3
(5.26) Sensitization, Skin, Category 1B
(2.47) Aquatic Chronic Toxicity, Category 4
(2.19) Aquatic Acute Toxicity, Category 1
(1.78) Eye Damage/Eye Irritation, Category 1
(1.18) Acute Toxicity Dermal, Category 5

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