

## Safety Data Sheet

According to Feder Register | Vol. 77, No. 58 | Monday, March 26, 2012 | Rules & Regulations Issue Date: 3/28/2022 | Revision Date: 8/22/2023 | Supersedes: 8/31/2022

Version: 1.1

## **SECTION 1: IDENTIFICATION**

### 1.1 PRODUCT IDENTIFIER

Product Name Rustic Escentuals™ Winter Kiss Fragrance Oil

Product Form Mixture

### 1.2 NAME, ADDRESS, AND TELEPHONE OF THE RESPONSIBLE PARTY

Supplier Details IndiMade Brands, LLC DBA Wholesale Supplies Plus

7820 E Pleasant Valley Road Independence, OH 44131

(800) 359-0944

www.WholesaleSuppliesPlus.com

### 1.3 EMERGENCY TELEPHONE NUMBER

Emergency Telephone (800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands

+1 813 248-0585 International

## **SECTION 2: HAZARDS IDENTIFICATION**

### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

## Classification (GHS-US)

Flammable liquids Category 4 H227 Combustible liquid

Skin sensitization Category 1 H317 May cause an allergic skin reaction

## 2.2 GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS

Hazard pictograms (GHS US)



Signal word (GHS US) Warning

Hazard statements (GHS US) H227 - Combustible liquid

H317 - May cause an allergic skin reaction

Precautionary statements (GHS US) P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P272 - Contaminated work clothing must not be allowed out of the workplace. P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 - If on skin: Wash with plenty of water.

P321 - Specific treatment (see supplemental first aid instruction on this label). P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P363 - Wash contaminated clothing before reuse.

P370+P378 - In case of fire: Use media other than water to extinguish.

P403+P235 - Store in a well-ventilated place. Keep cool.

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)

Not applicable

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

## 3.1 SUBSTANCE

Not applicable

## 3.2 MIXTURE

| Name   | CAS No.    | %     | GHS US classification  |
|--|------------|-------|--|
| 2-ethyl-3-hydroxypyran-4-one   | 4940-11-8  | 1 - 5 | Acute Tox. 4 (Oral), H302  |
| 1-(1,2,3,4,5,6,7,8-Octahydro-<br>2,3,8,8-tetramethyl-2-<br>naphthalenyl)ethanone | 54464-57-2 | 1 - 5 | Skin Irrit. 2, H315<br>Skin Sens. 1B, H317   |
| 2H-pyran-4-ol, tetrahydro-4-<br>methyl-2-(2-methylpropyl)-                       | 63500-71-0 | 1 - 5 | Eye Irrit. 2, H319   |
| Benzyl Benzoate  | 120-51-4   | 1 - 5 | Acute Tox. 4 (Oral), H302  |
| Linanlyl Acetate   | 115-95-7   | 1 - 5 | Flam. Liq. 4, H227<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317  |
| Linalool   | 78-70-6    | 1 - 5 | Flam. Liq. 4, H227<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317 |
| Vanillin   | 121-33-5   | 1 - 5 | Eye Irrit. 2, H319   |
| Limonene   | 5989-27-5  | < 0.5 | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Asp. Tox. 1, H304   |

## SECTION 4: FIRST AID MEASURES

## 4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation Remove person to fresh air and keep comfortable for breathing.

Skin contact Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get

medical advice/attention.

Eye contact Rinse eyes with water as a precaution.

Ingestion Call a poison center/doctor/physician if you feel unwell.

## 4.2 MOST IMPORTANT SYMPTOMS AND EFFECT (ACUTE AND DELAYED)

Symptoms/effects after skin contact May cause an allergic skin reaction.

## 4.3 IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT, IF NECESSARY

Treat symptomatically.

## **SECTION 5: FIREFIGHTING MEASURES**

### 5.1 EXTINGUISHING MEDIA

Suitable Extinguishing Media Water spray. Dry powder. Foam. Carbon dioxide.

## 5.2 SPECIAL HAZARDS ARISING FROM THE CHEMICAL

Fire hazard Combustible liquid.

## 5.3 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

Protection during firefighting Do not attempt to take action without suitable protective equipment. Self-contained breathing

apparatus. Complete protective clothing.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

## 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

### 6.1.1 FOR NON-EMERGENCY PERSONNEL

Emergency procedures Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing

dust/fume/gas/mist/vapors/spray.

### 6.1.2 FOR EMERGENCY RESPONDERS

Protective equipment Do not attempt to take action without suitable protective equipment. For further information refer to

section 8: "Exposure controls/personal protection".

### 6.2 ENVIRONMENTAL PRECAUTIONS

Avoid release to the environment.

## 6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Methods for cleaning up Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public

waters.

Other information Dispose of materials or solid residues at an authorized site.

## 6.4 REFERENCE TO OTHER SECTIONS

For further information refer to section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 PRECAUTIONS FOR SAFE HANDLING

Precautions for safe handling Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames

and other ignition sources. No smoking. Wear personal protective equipment. Avoid contact with skin

and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray.

Hygiene measures Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of

the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling

the product.

## 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Technical measures Store in a well-ventilated place. Keep cool.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 CONTROL PARAMETERS

## Vanillin (121-33-5)

Not applicable

## Timbersilk (54464-57-2)

Not applicable

## D-Limonene (5989-27-5)

Not applicable

## Linalool (78-70-6)

Not applicable

## Linalyl Acetate (115-95-7)

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Not applicable

## 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2)

Not applicable

## Florol (63500-71-0)

Not applicable

### Ethyl Maltol (4940-11-8)

Not applicable

### Benzyl Benzoate (120-51-4)

Not applicable

### 8.2 APPROPRIATE ENGINEERING CONTROLS

Appropriate engineering controls Ensure good ventilation of the work station. Environmental exposure controls Avoid release to the environment.

## 8.3 INDIVIDUAL PROTECTION MEASURES/PERSONAL PROTECTIVE EQUIPMENT

Hand protection Protective gloves
Eye protection Safety glasses

Skin and body protection Wear suitable protective clothing

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment equipment

symbol(s)





## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state Liquid

Color Mixture contains one or more component(s) which have the following colour(s): White to light yellow

On exposure to light: discolours Colourless to light yellow On exposure to air: yellow Colourless

Colourless to brown White Colourless to light amber White to off-white

Odor There may be no odour warning properties, odour is subjective and inadequate to warn of

overexposure.

Mixture contains one or more component(s) which have the following odour: Pleasant odour Lemon odour Mild odour Floral odour Fruity odour Pine odour Characteristic odour Strong odour Sweet

odour Aromatic odour Almost odourless Odourless

Odor threshold No data available рН No data available Melting point No data available Freezing point No data available Boiling point No data available Flash point ≈ 93.1 °C Relative evaporation rate (butyl acetate=1) No data available Not applicable Flammability No data available Vapor pressure Relative vapor density at 20°C No data available Relative density No data available No data available Solubility Partition coefficient n-octanol/water (Log Pow) No data available Auto-ignition temperature No data available No data available Decomposition temperature Viscosity, kinematic No data available No data available Viscosity, dynamic **Explosion limits** No data available Explosive properties No data available Oxidizing properties No data available

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9.2 OTHER INFORMATION

No additional information available

### SECTION 10: STABILITY AND REACTIVITY

## 10.1 REACTIVITY

The product is non-reactive under normal conditions of use, storage and transport.

## 10.2 CHEMICAL STABILITY

Stable under normal conditions.

## 10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No dangerous reactions known under normal conditions of use.

## 10.4 CONDITIONS TO AVOID

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

## 10.5 INCOMPATIBLE MATERIALS

No additional information available

## 10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

## 11.1 INFORMATION ON LIKELY ROUTES OF EXPOSURE

Acute toxicity (oral)

Acute toxicity (dermal)

Acute toxicity (inhalation)

Not classified

Not classified

| Vanillin (121-33-5)     |  |  |
|-------------------------|--|--|
| LD50 oral rat           | 3300 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))            |  |
| LD50 dermal rabbit      | > 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female,<br>Experimental value, Dermal, 14 day(s)) |  |
| ATE US (oral)           | 3300 mg/kg body weight   |  |
| Timbersilk (54464-57-2) |  |  |
| LD50 oral rat           | ≥ 5000 mg/kg   |  |
| LD50 dermal rat         | ≥ 5000 mg/kg   |  |
| D-Limonene (5989-27-5)  |  |  |
| LD50 oral rat           | > 2000 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Read-across, Oral)            |  |
| LD50 dermal rabbit      | > 5000 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Weight of evidence,<br>Dermal)                            |  |
| Linalool (78-70-6)      |  |  |
| LD50 oral rat           | 2790 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))            |  |
| LD50 dermal rat         | 5610 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Experimental value, Dermal, 7 day(s))                 |  |
| ATE US (oral)           | 2790 mg/kg body weight   |  |

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| ATE US (dermal)  | 5610 mg/kg body weight  |
|--|---|
| Ethyl Maltol (4940-11-8)   |   |
| LD50 oral rat  | 1150 mg/kg (Rat, Oral)  |
| LD50 dermal rabbit   | > 5000 mg/kg (Rabbit, Dermal)   |
| ATE US (oral)  | 1150 mg/kg body weight  |
| Benzyl Benzoate (120-51-4)   |   |
| LD50 oral rat  | > 2000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male/female, Experimental value, Oral, 14 day(s)) |
| LD50 dermal rabbit   | > 2 ml/kg (Modification of Draize 1959 method, 4 h, Rabbit, Experimental value, Dermal)                         |
| ATE US (oral)  | 1500 mg/kg body weight  |
| ATE US (dermal)  | 4000 mg/kg body weight  |
| Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity | Not classified Not classified May cause an allergic skin reaction Not classified Not classified                 |
| D-limonene (5989-27-5)   |   |
| IARC group   | 3 - Not classifiable  |
| Reproductive toxicity<br>STOT-single exposure<br>STOT-repeated exposure  | Not classified Not classified Not classified  |
| Linalool (78-70-6)   |   |
| NOAEL (dermal,rat/rabbit,90 days)  | 250 mg/kg body weight Animal: rat, Guideline: OECD Guideline 411 (Subchronic Dermal<br>Toxicity: 90-Day Study)  |
| Aspiration hazard<br>Viscosity, kinematic<br>Symptoms/effects after skin contact   | Not classified No data available May cause an allergic skin reaction.   |

## 12.1 TOXICITY

Ecology - general The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment

|                         | the environment.  |
|-------------------------|---|
| Vanillin (121-33-5)     |   |
| LC50 - Fish [1]         | 57 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system,<br>Fresh water, Experimental value)               |
| EC50 - Crustacea [1]    | 36.79 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)        |
| ErC50 algae             | 120 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP) |
| Timbersilk (54464-57-2) |   |
| LC50 - Fish [1]         | ≈ 1.3 mg/l Bluegill Sunfish   |
| EC50 - Crustacea [1]    | ≈ 1.38 mg/l Water Flea  |
| ErC50 algae             | ≈ 2.6 mg/l Green Algae  |
| D-limonene (5989-27-5)  |   |
| LC50 - Fish [1]         | 720 μg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)       |
| EC50 - Crustacea [1]    | 0.36 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)         |
| Linalool (78-70-6)      |   |
| LC50 - Fish [1]         | 27.8 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, GLP)               |

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| EC50 - Crustacea [1]       | 59 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)   |  |
|----------------------------|---|--|
| ErC50 algae                | 156.7 mg/l (DIN 38412-9, 96 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)        |  |
| Linalyl Acetate (115-95-7) |   |  |
| LC50 - Fish [1]            | 11 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Cyprinus carpio)  |  |
| EC50 - Crustacea [1]       | 15 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna)  |  |
| Benzyl Benzoate (120-51-4) |   |  |
| LC50 - Fish [1]            | 2.32 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)                                |  |
| EC50 - Crustacea [1]       | 3.09 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP) |  |
|                            |   |  |

## 12.2 PERSISTENCE AND DEGRADABILITY

| Vanillin (121-33-5)           |   |
|-------------------------------|---|
| Persistence and degradability | Readily biodegradable in water.               |
| D-limonene (5989-27-5)        |   |
| Persistence and degradability | Readily biodegradable in water.               |
| ThOD                          | 3.29 g O₂/g substance                         |
| Linalool (78-70-6)            |   |
| Persistence and degradability | Readily biodegradable in water.               |
| Linalyl Acetate (115-95-7)    |   |
| Persistence and degradability | Readily biodegradable in water.               |
| Florol (63500-71-0)           |   |
| Persistence and degradability | Biodegradability in water: no data available. |
| Ethyl Maltol (4940-11-8)      |   |
| Persistence and degradability | Biodegradability in water: no data available. |
| Benzyl Benzoate (120-51-4)    |   |
| Persistence and degradability | Readily biodegradable in water.               |

## 12.3 BIOACCUMULATIVE POTENTIAL

| Vanillin (121-33-5)                             |  |  |
|---|--|--|
| Partition coefficient n-octanol/water (Log Pow) | 1.17 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask<br>Method, 25 °C) |  |
| Bioaccumulative potential                       | Low potential for bioaccumulation (Log Kow < 4)  |  |
| D-limonene (5989-27-5)                          |  |  |
| BCF - Fish [1]                                  | 864.8 - 1022 (Pisces, QSAR, Fresh weight)  |  |
| Partition coefficient n-octanol/water (Log Pow) | 4.38 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 37 °C)           |  |
| Bioaccumulative potential                       | Potential for bioaccumulation (4 ≥ Log Kow ≤ 5).   |  |
| Linalool (78-70-6)                              |  |  |
| Partition coefficient n-octanol/water (Log Pow) | 2.84 (Experimental value, Equivalent or similar to OECD 107, 25 °C)  |  |
| Bioaccumulative potential                       | Low potential for bioaccumulation (Log Kow < 4).   |  |
| Linalyl Acetate (115-95-7)                      |  |  |
| Partition coefficient n-octanol/water (Log Pow) | 3.93 (Experimental value)  |  |
| Bioaccumulative potential                       | Low potential for bioaccumulation (Log Kow < 4).   |  |

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| Florol (63500-71-0)                             |   |
|---|---|
| Bioaccumulative potential                       | No bioaccumulation data available.              |
| Ethyl Maltol (4940-11-8)                        |   |
| Bioaccumulative potential                       | No bioaccumulation data available.              |
| Benzyl Benzoate (120-51-4)                      |   |
| BCF - Fish [1]                                  | 2.286 (BCFBAF v3.00, Pisces, QSAR)              |
| Partition coefficient n-octanol/water (Log Pow) | 3.97 (Experimental value, 25 °C)                |
| Bioaccumulative potential                       | Low potential for bioaccumulation (Log Kow < 4) |

## 12.4 MOBILITY IN SOIL

| Vanillin (121-33-5)   |   |  |
|---|---|--|
| Organic Carbon Normalized Adsorption Coefficient (Log Koc)    | 3.438 (log Koc, Experimental value)   |  |
| Ecology - soil  | Low potential for mobility in soil.   |  |
| D-limonene (5989-27-5)  |   |  |
| Ecology - soil  | Adsorbs into the soil.  |  |
| Linalool (78-70-6)  |   |  |
| Surface tension   | 8.3 mN/m (20 °C, ISO 9101: Surface active agents - Determination of interfacial tension)  |  |
| Ecology - soil  | No (test)data on mobility of the substance available.   |  |
| Linalyl Acetate (115-95-7)                                    |   |  |
| Ecology - soil  | Adsorbs into the soil.  |  |
| Florol (63500-71-0)   |   |  |
| Ecology - soil  | No (test) data on mobility of the substance available.  |  |
| Benzyl Benzoate (120-51-4)                                    |   |  |
| Surface tension   | 1.85 (log Koc, PCKOCWIN v1.66, Calculated value)  |  |
| Organic Carbon Normalized Adsorption<br>Coefficient (Log Koc) | 3.8 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage<br>Sludge using High Performance Liquid Chromatography (HPLC), Experimental value) |  |
| Ecology - soil  | Low potential for mobility in soil.   |  |

## 12.5 OTHER ADVERSE EFFECTS

No additional information available.

### SECTION 13: DISPOSAL CONSIDERATIONS

## 13.1 WASTE TREATMENT METHODS

Waste treatment methods Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: TRANSPORT INFORMATION

## 14.1 DEPARTMENT OF TRANSPORTATION (DOT)

Transport document description (DOT) UN3082 Environmentally hazardous substances, liquid, n.o.s. (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-

hexamethylcyclopenta-gamma-2-benzopyran), 9, III

UN-No.(DOT) UN3082

Proper Shipping Name (DOT) Environmentally hazardous substances, liquid, n.o.s.

1, 3, 4, 6, 7, 8 - Hexahydro-4, 6, 6, 7, 8, 8 - hexamethyl cyclopenta-gamma-2-benzopyran

Class (DOT) 9 - Class 9 - Miscellaneous hazardous material 49 CFR 173.140

Packing group (DOT)

III - Minor Danger

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Hazard labels (DOT)

9 - Class 9 (Miscellaneous dangerous materials)



DOT Packaging Non Bulk (49 CFR 173.xxx)

DOT Packaging Bulk (49 CFR 173.xxx)

**DOT Symbols** 

DOT Special Provisions (49 CFR 172.102)

203 241

G - Identifies PSN requiring a technical name

8 - A hazardous substance that is not a hazardous waste may be shipped under the shipping description "Other regulated substances, liquid or solid, n.o.s.", as appropriate. In addition, for solid materials, special provision B54 applies.

146 - This description may be used for a material that poses a hazard to the environment but does not meet the definition for a hazardous waste or a hazardous substance, as defined in 171.8 of this subchapter, or any hazard class as defined in Part 173 of this subchapter, if it is designated as environmentally hazardous by the Competent Authority of the country of origin, transit or destination. 173 - An appropriate generic entry may be used for this material.

335 - Mixtures of solids that are not subject to this subchapter and environmentally hazardous liquids or solids may be classified as "Environmentally hazardous substances, solid, n.o.s," UN3077 and may be transported under this entry, provided there is no free liquid visible at the time the material is loaded or at the time the packaging or transport unit is closed. Each transport unit must be leak-proof when used as bulk packaging.

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.

TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

DOT Packaging Exceptions (49 CFR 173.xxx) DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49

CFR 175.75)

**DOT Vessel Stowage Location** 

No limit

No limit

155

A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

Emergency Response Guide (ERG) Number

Other information

171

No supplementary information available.

## 14.2 TRANSPORTATION OF DANGEROUS GOODS

Transport document description (TDG)

UN-No. (TDG)
Proper Shipping Name (TDG)
TDG Primary Hazard Classes
Packing group (TDG)
TDG Special Provisions

UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran), 9, III UN3082

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

9 - Class 9 - Miscellaneous Products, Substances or Organisms

III - Minor Danger

16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A) of Part 3 (Documentation). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4 (Dangerous Goods Safety Marks).

(2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name:

(a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S;

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(b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S;

- (c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S;
- (d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S; or
- (e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S.
- (3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment:
- (a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or

(b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS,99 - (1) Mixtures of solids that are not dangerous goods and liquids or solids that are UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, or UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S, may be handled, offered for transport or transported as UN3077 if there is no visible liquid when the dangerous goods are loaded into a means containment and during transport. (2) These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to the handling, offering for transport or transporting of less than 450 kg of UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S, or less than 450 L of UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S, on a road vehicle or a railway vehicle. The dangerous goods must be contained in one or more small means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety.

Explosive Limit and Limited Quantity Index

## 14.3 TRANSPORT BY SEA

Transport document description (IMDG) UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-

Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran), 9, III, MARINE POLLUTANT

3082

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Proper Shipping Name (IMDG)

Class (IMDG) 9 - Miscellaneous dangerous substances and articles Packing group (IMDG)

III - substances presenting low danger

5 L

## 14.4 AIR TRANSPORT

Limited quantities (IMDG)

UN-No. (IMDG)

Transport document description (IATA) UN 3082 Environmentally hazardous substance, liquid, n.o.s. (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-

hexamethylcyclopenta-gamma-2-benzopyran), 9, III

UN-No. (IATA)

Proper Shipping Name (IATA) Environmentally hazardous substance, liquid, n.o.s. Class (IATA) 9 - Miscellaneous Dangerous Substances and Articles

Packing group (IATA)

## SECTION 15: REGULATORY INFORMATION

## 15.1 US FEDERAL REGULATIONS

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

| Name   | CAS No.    | %     |
|--|------------|-------|
| Vanillin   | 121-33-5   | 1 - 5 |
| 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone | 54464-57-2 | 1 - 5 |
| Limonene   | 5989-27-5  | < 0.5 |
| Linalool   | 78-70-6    | 1 - 5 |
| Linalyl Acetate  | 115-95-7   | 1 - 5 |
| 2H-pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)-                   | 63500-71-0 | 1 - 5 |
| 2-ethyl-3-hydroxypyran-4-one   | 4940-11-8  | 1 - 5 |

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Benzyl Benzoate 120-51-4 1 - 5

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Musk Conc. (Galaxolide Neat)

1222-05-5

10 - 30

## 15.2 INTERNATIONAL REGULATIONS

## 15.2.1 CANADA

## Vanillin (121-33-5)

Listed on the Canadian DSL (Domestic Substances List)

### Timbersilk (54464-57-2)

Listed on the Canadian DSL (Domestic Substances List)

### D-Limonene (5989-27-5)

Listed on the Canadian DSL (Domestic Substances List)

### Linalool (78-70-6)

Listed on the Canadian DSL (Domestic Substances List)

### Linalyl Acetate (115-95-7)

Listed on the Canadian DSL (Domestic Substances List)

### 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2)

Listed on the Canadian DSL (Domestic Substances List)

## Florol (63500-71-0)

Listed on the Canadian DSL (Domestic Substances List)

## Ethyl Maltol (4940-11-8)

Listed on the Canadian DSL (Domestic Substances List)

### Benzyl Benzoste (120-51-4)

Listed on the Canadian DSL (Domestic Substances List)

## 15.2.2 EU REGULATIONS

## Florol (63500-71-0)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) - Directive 79/831/EEC, sixth Amendment of Directive 67/548/EEC (dangerous substances)

## 15.2.3 NATIONAL REGULATIONS

### Vanillin (121-33-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

## Timbersilk (54464-57-2)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

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Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

### D-limonene (5989-27-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on the Australian HSIS Consolidated List

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

### Linalool (78-70-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

### Linalyl Acetate (115-95-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

## 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

### Florol (63500-71-0)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the EC Inventory

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on KECI (Korean Existing Chemicals Inventory)

### Ethyl Maltol (4940-11-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

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Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

## Benzyl Benzoate (120-51-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ENCS (Existing New Chemical Substances) inventory

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the EC Inventory

Listed on the Australian HSIS Consolidated List

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

## SECTION 16: OTHER INFORMATION

Revision Date 8/22/2023

| Full text of H-phrases: |  |  |
|-------------------------|--|--|
| H226                    | Flammable liquid and vapor                   |  |
| H227                    | Combustible liquid                           |  |
| H302                    | Harmful if swallowed                         |  |
| H304                    | May be fatal if swallowed and enters airways |  |
| H315                    | Causes skin irritation                       |  |
| H317                    | May cause an allergic skin reaction          |  |
| H319                    | Causes serious eye irritation                |  |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.