# RUSTIC ESCENTUALS™ SALTED CARAMEL LIQUEUR FRAGRANCE OIL
Safety Data Sheet

according to Federal Register | Vol. 77, No. 58 | Monday, March 26, 2012 | Rules and Regulations
Issue date: 04/12/2019 | Revision date: 08/29/2023 | Supersedes: 09/23/2020 Version: 1.2

## SECTION 1: Identification

### 1.1. Identification

Product form : Mixture

Product name : RUSTIC ESCENTUALS™ SALTED CARAMEL LIQUEUR FRAGRANCE OIL

CAS-No. : MIXTURE

### 1.2. Recommended use and restrictions on use

No additional information available

### 1.3. Supplier

IndiMade Brands, LLC DBA Wholesale Supplies Plus
7820 E Pleasant Valley Road
Independence, OH 44131
(800) 359-0944
www.WholesaleSuppliesPlus.com

### 1.4. Emergency telephone number

Emergency number : (800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands
+1 813 248-0585 International

## SECTION 2: Hazard(s) identification

### 2.1. Classification of the substance or mixture

**GHS US classification**

| | | |
|---|---|---|
| Acute toxicity (oral) Category 4 | H302 | Harmful if swallowed |
| Skin sensitization, Category 1 | H317 | May cause an allergic skin reaction |

Full text of H statements : see section 16

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

**GHS US labeling**

Hazard pictograms (GHS US) :

Signal word (GHS US) : Warning

Hazard statements (GHS US) : H302 - Harmful if swallowed
H317 - May cause an allergic skin reaction

Precautionary statements (GHS US) : P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P272 - Contaminated work clothing must not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312 - If swallowed: Call a poison center or doctor if you feel unwell.
P302+P352 - If on skin: Wash with plenty of water.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P330 - Rinse mouth.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.
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

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name | Product identifier | % | GHS US classification |
|---|---|---|---|
| BENZYL BENZOATE | (CAS-No.) 120-51-4 | 30 – 70 | Acute Tox. 4 (Oral), H302 |
| ETHYL VANILLIN | (CAS-No.) 121-32-4 | 5 – 10 | Eye Irrit. 2, H319 |
| COUMARIN | (CAS-No.) 91-64-5 | 1 – 5 | Acute Tox. 3 (Oral), H301<br>Skin Sens. 1B, H317 |
| 1,3-benzodioxole-5-carbaldehyde | (CAS-No.) 120-57-0 | 1 – 5 | Skin Sens. 1B, H317 |
| 2-ethyl-3-hydroxypyran-4-one | (CAS-No.) 4940-11-8 | 1 – 5 | Acute Tox. 4 (Oral), H302 |
| LINALYL ACETATE | (CAS-No.) 115-95-7 | < 0.5 | Flam. Liq. 4, H227<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317 |
| GERANIOL | (CAS-No.) 106-24-1 | < 0.5 | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Skin Sens. 1, H317 |
| CITRAL | (CAS-No.) 5392-40-5 | < 0.5 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317 |

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

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures general : Call a poison center/doctor/physician if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Rinse mouth. Call a poison center/doctor/physician if you feel unwell.

### 4.2. Most important symptoms and effects (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: Fire-fighting measures

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

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Specific hazards arising from the chemical

### 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.

## 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.

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. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Wear personal protective equipment.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| BENZYL BENZOATE (120-51-4) |
|---|
| Not applicable |

| COUMARIN (91-64-5) |
|---|
| Not applicable |

| ETHYL VANILLIN (121-32-4) |
|---|
| Not applicable |

| HELIOTROPIN (120-57-0) |
|---|
| Not applicable |

| ETHYL MALTOL (4940-11-8) |
|---|
| Not applicable |

| CITRAL (5392-40-5) | | |
|---|---|---|
| ACGIH | Local name | Citral |
| ACGIH | ACGIH OEL TWA [ppm] | 5 ppm (IFV - Inhalable fraction and vapor) |
| ACGIH | Remark (ACGIH) | TLV® Basis: Body weight eff; URT irr; eye dam. Notations: Skin; DSEN; A4 (Not classifiable as a Human Carcinogen) |
| ACGIH | Regulatory reference | ACGIH 2018 |

| GERANIOL (106-24-1) |
|---|
| Not applicable |

| LINALYL ACETATE (115-95-7) |
|---|
| 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 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):<br>light yellow Colourless White Colourless to light yellow Light yellow Colourless to yellow White to off-white Colourless to white On exposure to light: turns yellow On exposure to air: turns yellow White to light yellow On exposure to light: discolours Yellow |
| Odor | : | There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure.<br>Mixture contains one or more component(s) which have the following odour:<br>Pine odour Mild odour Pleasant odour Aromatic odour Fruity odour Strong odour Characteristic odour Floral odour Sweet odour Lemon odour Almost odourless Alcohol odour Odourless |
| Odor threshold | : | No data available |
| pH | : | No data available |
| Melting point | : | Not applicable |
| Freezing point | : | No data available |
| Boiling point | : | No data available |
| Flash point | : | > 100 °C |
| Relative evaporation rate (butyl acetate=1) | : | No data available |
| Flammability | : | Not applicable. |
| Vapor pressure | : | No data available |
| Relative vapor 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 |
| No data availableViscosity, kinematic | : | No data available |
| Viscosity, dynamic | : | No data available |
| Explosion limits | : | No data available |
| Explosive properties | : | No data available |
| Oxidizing properties | : | No data available |

### 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

None under recommended storage and handling conditions (see section 7).

### 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 toxicological effects

Acute toxicity (oral) : Harmful if swallowed.
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

| | |
|---|---|
| ATE US (oral) | 1747.201 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 |

| **COUMARIN (91-64-5)** | |
|---|---|
| LD50 oral rat | 293 mg/kg body weight (Rat, Male / female, Experimental value, Oral) |
| ATE US (oral) | 293 mg/kg body weight |

| **ETHYL VANILLIN (121-32-4)** | |
|---|---|
| LD50 oral rat | > 3160 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s)) |
| LD50 dermal rat | > 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s)) |
| ATE US (oral) | 3000 mg/kg body weight |

| **HELIOTROPIN (120-57-0)** | |
|---|---|
| LD50 oral rat | 2700 mg/kg (Rat, Oral) |
| LD50 dermal rat | > 5000 mg/kg (Rat, Dermal) |
| ATE US (oral) | 2700 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 |

| **CITRAL (5392-40-5)** | |
|---|---|
| ATE US (dermal) | 2250 mg/kg body weight |

| **GERANIOL (106-24-1)** | |
|---|---|
| LD50 oral rat | 3600 mg/kg body weight (Rat, Male / female, Experimental value, Oral, 14 day(s)) |
| LD50 dermal rabbit | > 5000 mg/kg (Rabbit, Experimental value, Dermal) |
| ATE US (oral) | 3600 mg/kg body weight |

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitization : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

| **COUMARIN (91-64-5)** | |
|---|---|
| IARC group | 3 - Not classifiable |

Reproductive toxicity : Not classified
STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified
Viscosity, kinematic : No data available

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

## SECTION 12: Ecological information

### 12.1. Toxicity

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

| 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) |

| COUMARIN (91-64-5) | |
|---|---|
| LC50 - Fish [1] | 2.94 mg/l (96 h, Pisces, QSAR) |
| EC50 - Crustacea [1] | 24.3 – 36.9 mg/l (48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP) |

| ETHYL VANILLIN (121-32-4) | |
|---|---|
| LC50 - Fish [1] | 87.6 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, 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, Read-across, GLP) |
| ErC50 algae | 120 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Read-across, GLP) |

| GERANIOL (106-24-1) | |
|---|---|
| LC50 - Fish [1] | 22 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Danio rerio, Static system, Fresh water, Experimental value, GLP) |
| EC50 - Crustacea [1] | 10.8 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect) |
| ErC50 algae | 13.1 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, GLP) |

| 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) |

### 12.2. Persistence and degradability

| BENZYL BENZOATE (120-51-4) | |
|---|---|
| Persistence and degradability | Readily biodegradable in water. |

| COUMARIN (91-64-5) | |
|---|---|
| Persistence and degradability | Readily biodegradable in water. |

| ETHYL VANILLIN (121-32-4) | |
|---|---|
| Persistence and degradability | Readily biodegradable in water. |
| ThOD | 1.81 g $O_2$/g substance |
| BOD (% of ThOD) | 0.529 (5 day(s), Literature study) |

| HELIOTROPIN (120-57-0) | |
|---|---|
| Persistence and degradability | Biodegradable in the soil. Readily biodegradable in water. |
| ThOD | 1.71 g $O_2$/g substance |

| ETHYL MALTOL (4940-11-8) | |
|---|---|
| Persistence and degradability | Biodegradability in water: no data available. |

| GERANIOL (106-24-1) | |
|---|---|
| Persistence and degradability | Readily biodegradable in water. |

| LINALYL ACETATE (115-95-7) | |
|---|---|
| Persistence and degradability | Readily biodegradable in water. |

### 12.3. Bioaccumulative potential

| 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). |

| COUMARIN (91-64-5) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 1.39 (QSAR, 25 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

| ETHYL VANILLIN (121-32-4) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 1.58 (Experimental value, Equivalent or similar to OECD 107, 25 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

| HELIOTROPIN (120-57-0) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 1.05 |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

| ETHYL MALTOL (4940-11-8) | |
|---|---|
| Bioaccumulative potential | No bioaccumulation data available. |

| GERANIOL (106-24-1) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 2.6 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 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). |

### 12.4. Mobility in soil

| BENZYL BENZOATE (120-51-4) | |
|---|---|
| Surface tension | 0.027 N/m (210 °C) |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 3.8 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value) |
| Ecology - soil | Low potential for mobility in soil. |

| COUMARIN (91-64-5) | |
|---|---|
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 1.63 (log Koc, QSAR) |
| Ecology - soil | Highly mobile in soil. |

| ETHYL VANILLIN (121-32-4) | |
|---|---|
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 3.092 (log Koc, Equivalent or similar to OECD 106, Experimental value) |
| Ecology - soil | Low potential for mobility in soil. |

| GERANIOL (106-24-1) | |
|---|---|
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 1.85 (log Koc, PCKOCWIN v1.66, Calculated value) |
| Ecology - soil | Highly mobile in soil. |

| LINALYL ACETATE (115-95-7) | |
|---|---|
| Ecology - soil | Adsorbs into the soil. |

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

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

## SECTION 14: Transport information

**Department of Transportation (DOT)**

In accordance with DOT

Transport document description (DOT) : UN3082 Environmentally hazardous substances, liquid, n.o.s. (Benzyl Benzoate), 9, III

UN-No.(DOT) : UN3082

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

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

Packing group (DOT) : III - Minor Danger

Hazard labels (DOT) : 9 - Class 9 (Miscellaneous dangerous materials)


DOT Packaging Non Bulk (49 CFR 173.xxx) : 203

DOT Packaging Bulk (49 CFR 173.xxx) : 241

DOT Symbols : G - Identifies PSN requiring a technical name

DOT Special Provisions (49 CFR 172.102) : 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.
IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).
T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3)
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) : 155

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : No limit

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : No limit

DOT Vessel Stowage Location : 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 : 171

Other information : No supplementary information available.

### Transportation of Dangerous Goods

Not applicable

### Transport by sea

| | | |
|---|---|---|
| Transport document description (IMDG) | : | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl Benzoate), 9, III |
| UN-No. (IMDG) | : | 3082 |
| Proper Shipping Name (IMDG) | : | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| Class (IMDG) | : | 9 - Miscellaneous dangerous substances and articles |
| Packing group (IMDG) | : | III - substances presenting low danger |
| Limited quantities (IMDG) | : | 5 L |

### Air transport

| | | |
|---|---|---|
| Transport document description (IATA) | : | UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Benzyl Benzoate), 9, III |
| UN-No. (IATA) | : | 3082 |
| Proper Shipping Name (IATA) | : | Environmentally hazardous substance, liquid, n.o.s. |
| Class (IATA) | : | 9 - Miscellaneous Dangerous Substances and Articles |
| Packing group (IATA) | : | III - Low danger |

## 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

| | | |
|---|---|---|
| BENZYL BENZOATE | CAS-No. 120-51-4 | 30 – 70% |
| COUMARIN | CAS-No. 91-64-5 | 1 – 5% |
| ETHYL VANILLIN | CAS-No. 121-32-4 | 5 – 10% |
| 1,3-benzodioxole-5-carbaldehyde | CAS-No. 120-57-0 | 1 – 5% |
| 2-ethyl-3-hydroxypyran-4-one | CAS-No. 4940-11-8 | 1 – 5% |
| CITRAL | CAS-No. 5392-40-5 | < 0.5% |
| GERANIOL | CAS-No. 106-24-1 | < 0.5% |
| LINALYL ACETATE | CAS-No. 115-95-7 | < 0.5% |

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.

| | | |
|---|---|---|
| 1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran | CAS-No. 1222-05-5 | 1 – 5% |

### 15.2. International regulations

#### CANADA

| **BENZYL BENZOATE (120-51-4)** |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

| **COUMARIN (91-64-5)** |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

| **ETHYL VANILLIN (121-32-4)** |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

| **HELIOTROPIN (120-57-0)** |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

| **ETHYL MALTOL (4940-11-8)** |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

| **CITRAL (5392-40-5)** |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

| **GERANIOL (106-24-1)** |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

| **LINALYL ACETATE (115-95-7)** |
|---|
| Listed on the Canadian DSL (Domestic Substances List) |

### EU-Regulations

No additional information available

### National regulations

| **BENZYL BENZOATE (120-51-4)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active<br>Listed on INSQ (Mexican National Inventory of Chemical Substances)<br>Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)<br>Listed on KECI (Korean Existing Chemicals Inventory)<br>Listed on the TCSI (Taiwan Chemical Substance Inventory)<br>Listed on NZIoC (New Zealand Inventory of Chemicals)<br>Listed on the Japanese ENCS (Existing  New Chemical Substances) inventory<br>Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)<br>Listed on the EC Inventory<br>Listed on the Australian HSIS Consolidated List<br>Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) |

| **COUMARIN (91-64-5)** |
|---|
| Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)<br>Listed on the TCSI (Taiwan Chemical Substance Inventory)<br>Listed on NZIoC (New Zealand Inventory of Chemicals)<br>Listed on the Japanese ENCS (Existing  New Chemical Substances) inventory<br>Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)<br>Listed on the EC Inventory<br>Listed on INSQ (Mexican National Inventory of Chemical Substances)<br>Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)<br>Listed on KECL/KECI (Korean Existing Chemicals Inventory)<br>Listed on KECI (Korean Existing Chemicals Inventory) |

| **ETHYL VANILLIN (121-32-4)** |
|---|
| Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)<br>Listed on the TCSI (Taiwan Chemical Substance Inventory)<br>Listed on NZIoC (New Zealand Inventory of Chemicals)<br>Listed on the Japanese ENCS (Existing  New Chemical Substances) inventory<br>Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)<br>Listed on the EC Inventory<br>Listed on INSQ (Mexican National Inventory of Chemical Substances)<br>Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)<br>Listed on KECL/KECI (Korean Existing Chemicals Inventory)<br>Listed on KECI (Korean Existing Chemicals Inventory) |

| **HELIOTROPIN (120-57-0)** |
|---|
| Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)<br>Listed on the TCSI (Taiwan Chemical Substance Inventory)<br>Listed on NZIoC (New Zealand Inventory of Chemicals)<br>Listed on the Japanese ENCS (Existing  New Chemical Substances) inventory<br>Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)<br>Listed on the EC Inventory<br>Listed on INSQ (Mexican National Inventory of Chemical Substances)<br>Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)<br>Listed on KECL/KECI (Korean Existing Chemicals Inventory)<br>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<br>Listed on INSQ (Mexican National Inventory of Chemical Substances)<br>Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)<br>Listed on KECI (Korean Existing Chemicals Inventory)<br>Listed on the TCSI (Taiwan Chemical Substance Inventory)<br>Listed on NZIoC (New Zealand Inventory of Chemicals)<br>Listed on the Japanese ENCS (Existing  New Chemical Substances) inventory<br>Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)<br>Listed on the EC Inventory<br>Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) |

| **CITRAL (5392-40-5)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active<br>Listed on INSQ (Mexican National Inventory of Chemical Substances)<br>Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)<br>Listed on KECI (Korean Existing Chemicals Inventory)<br>Listed on the TCSI (Taiwan Chemical Substance Inventory)<br>Listed on NZIoC (New Zealand Inventory of Chemicals)<br>Listed on the Japanese ENCS (Existing  New Chemical Substances) inventory<br>Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)<br>Listed on the EC Inventory<br>Listed on the Australian HSIS Consolidated List<br>Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) |

| **GERANIOL (106-24-1)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active<br>Listed on INSQ (Mexican National Inventory of Chemical Substances)<br>Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)<br>Listed on KECI (Korean Existing Chemicals Inventory)<br>Listed on the TCSI (Taiwan Chemical Substance Inventory)<br>Listed on NZIoC (New Zealand Inventory of Chemicals)<br>Listed on the Japanese ENCS (Existing  New Chemical Substances) inventory<br>Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)<br>Listed on the EC Inventory<br>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<br>Listed on INSQ (Mexican National Inventory of Chemical Substances)<br>Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)<br>Listed on KECI (Korean Existing Chemicals Inventory)<br>Listed on the TCSI (Taiwan Chemical Substance Inventory)<br>Listed on NZIoC (New Zealand Inventory of Chemicals)<br>Listed on the Japanese ENCS (Existing  New Chemical Substances) inventory<br>Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)<br>Listed on the EC Inventory<br>Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) |

## SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 08/29/2023

Full text of H-phrases:

| | |
|---|---|
| H227 | Combustible liquid |
| H301 | Toxic if swallowed |
| H302 | Harmful if swallowed |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |

SDS US

*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.*