

SECTION 1: Identification

1.1. Identification

Product form : Mixture
 Product name : RUSTIC ESSENTUALS™ LINGONBERRY WREATH 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

| | | |
|---|------|-------------------------------------|
| Flammable liquids Category 3 | H226 | Flammable liquid and vapor |
| Skin corrosion/irritation Category 2 | H315 | Causes skin irritation |
| 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) :

H226 - Flammable liquid and vapor
 H315 - Causes skin irritation
 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.
 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.
 P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
 P264 - Wash hands, forearms and face thoroughly after handling.
 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.
 P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P321 - Specific treatment (see supplemental first aid instruction on this label).
 P332+P313 - If skin irritation occurs: Get medical advice/attention.
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
 P362+P364 - Take off contaminated clothing and wash it before reuse.

RUSTIC ESSENTUALS™ LINGONBERRY WREATH FRAGRANCE OIL

Safety Data Sheet

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

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

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | GHS US classification |
|---|----------------------|--------|--|
| ALDEHYDE C 16 | (CAS-No.) 77-83-8 | 5 – 10 | Skin Sens. 1B, H317 |
| LINALOOL | (CAS-No.) 78-70-6 | 5 – 10 | Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317 |
| 2-e hyl-3-hydroxypyran-4-one | (CAS-No.) 4940-11-8 | 1 – 5 | Acute Tox. 4 (Oral), H302 |
| PHENYL ETHYL ALCOHOL | (CAS-No.) 60-12-8 | 1 – 5 | Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 4 (Inhalation dust,mist), H332 Eye Irrit. 2, H319 |
| 2,4-D METHYL-3-CYCLOHEXENE CARBOXALDEHYDE | (CAS-No.) 68039-49-6 | 1 – 5 | Flam. Liq. 4, H227 Skin Irrit. 2, H315 Skin Sens. 1B, H317 |
| GERANYL ACETATE | (CAS-No.) 105-87-3 | 1 – 5 | Skin Irrit. 2, H315 Skin Sens. 1B, H317 |
| ALLYL AMYL GLYCOLATE | (CAS-No.) 67634-00-8 | 1 – 5 | Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Inhalation), H330 Acute Tox. 2 (Inhalation dust,mist), H330 Skin Irrit. 2, H315 |
| NEROL | (CAS-No.) 106-25-2 | 1 – 5 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317 |
| CITRAL | (CAS-No.) 5392-40-5 | < 0.5 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 |
| LIMONENE | (CAS-No.) 5989-27-5 | < 0.5 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 |
| DAMASCONE DELTA | (CAS-No.) 57378-68-4 | < 0.5 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1A, 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 after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all 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 : 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 : Irritation. May cause an allergic skin reaction.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

RUSTIC ESSENTIALS™ LINGONBERRY WREATH FRAGRANCE OIL

Safety Data Sheet

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

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

Fire hazard : Flammable liquid and vapor.

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. No open flames, no sparks, and no smoking. 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. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. 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 : Ground/bond container and receiving equipment.

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

PHENYL ETHYL ALCOHOL (60-12-8)

Not applicable

TRIPLAL (68039-49-6)

Not applicable

ETHYL MALTOL (4940-11-8)

Not applicable

GERANYL ACETATE (105-87-3)

Not applicable

RUSTIC ESSENTIALS™ LINGONBERRY WREATH FRAGRANCE OIL

Safety Data Sheet

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

| | | |
|--|----------------------|--|
| Linalool (78-70-6) | | |
| Not applicable | | |
| NEROL (106-25-2) | | |
| Not applicable | | |
| ALDEHYDE C 16 (77-83-8) | | |
| Not applicable | | |
| ALLYL AMYL GLYCOLATE (67634-00-8) | | |
| 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 |
| DAMASCONE DELTA (57378-68-4) | | |
| Not applicable | | |
| D-LIMONENE (5989-27-5) | | |
| 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):
Colourless White Colourless to yellow Colourless to light yellow
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:
Floral odour Sweet odour Fruity odour Irritating/pungent odour Lemon odour Mild odour
Odor threshold : No data available
pH : No data available

RUSTIC ESSENTIALS™ LINGONBERRY WREATH FRAGRANCE OIL

Safety Data Sheet

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

| | |
|---|--|
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : ≈ 52.8 °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 available | Viscosity, 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

Flammable liquid and vapor.

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 toxicological effects

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

| PHENYL ETHYL ALCOHOL (60-12-8) | |
|--------------------------------|-----------------------------------|
| LD50 oral rat | > 1790 mg/kg (Rat, Oral) |
| LD50 dermal rabbit | > 808 mg/kg (Rabbit, Dermal) |
| LC50 Inhalation - Rat | > 1.4 mg/l (4 h, Rat, Inhalation) |
| ATE US (oral) | 1610 mg/kg body weight |
| ATE US (dermal) | 300 mg/kg body weight |
| ATE US (dust, mist) | 1.5 mg/l/4h |
| TRIPLAL (68039-49-6) | |
| ATE US (oral) | 3900 mg/kg body weight |

RUSTIC ESSENTIALS™ LINGONBERRY WREATH FRAGRANCE OIL

Safety Data Sheet

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

| | |
|--|---|
| 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 |
| GERANYL ACETATE (105-87-3) | |
| LD50 oral rat | 6300 mg/kg (Rat, Oral) |
| ATE US (oral) | 6300 mg/kg body weight |
| 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 rabbit | 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 |
| ATE US (dermal) | 5610 mg/kg body weight |
| NEROL (106-25-2) | |
| ATE US (oral) | 4500 mg/kg body weight |
| ALDEHYDE C 16 (77-83-8) | |
| LD50 oral rat | 5470 mg/kg (Rat, Male/female, Weight of evidence, 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) |
| ATE US (oral) | 5470 mg/kg body weight |
| ALLYL AMYL GLYCOLATE (67634-00-8) | |
| ATE US (oral) | 500 mg/kg body weight |
| ATE US (gases) | 100 ppmV/4h |
| ATE US (vapors) | 0.5 mg/l/4h |
| ATE US (dust, mist) | 0.5 mg/l/4h |
| CITRAL (5392-40-5) | |
| ATE US (dermal) | 2250 mg/kg body weight |
| DAMASCONE DELTA (57378-68-4) | |
| ATE US (oral) | 1400 mg/kg body weight |
| 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, Dermal) |
| Skin corrosion/irritation | : Causes skin irritation. |
| Serious eye damage/irritation | : Not classified |
| Respiratory or skin sensitization | : May cause an allergic skin reaction. |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| D-LIMONENE (5989-27-5) | |
| IARC group | 3 - Not classifiable |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : 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 Toxicity: 90-Day Study) |

RUSTIC ESSENTIALS™ LINGONBERRY WREATH FRAGRANCE OIL

Safety Data Sheet

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

| | |
|-------------------------------------|--|
| Aspiration hazard | : Not classified |
| Viscosity, kinematic | : No data available |
| Symptoms/effects after skin contact | : Irritation. 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.

| PHENYL ETHYL ALCOHOL (60-12-8) | |
|--------------------------------|---|
| LC50 - Fish [1] | 220 – 260 mg/l (96 h, <i>Leuciscus idus</i>) |
| EC50 - Crustacea [1] | 287.17 mg/l (OECD 202: <i>Daphnia</i> sp. Acute Immobilisation Test, 48 h, <i>Daphnia magna</i>) |

| GERANYL ACETATE (105-87-3) | |
|----------------------------|---|
| LC50 - Fish [1] | 68.12 mg/l (DIN 38412: German standard methods for the examination of water, waste water and sludge, 96 h, <i>Leuciscus idus</i> , Static system, Fresh water, Read-across) |
| EC50 - Crustacea [1] | 14.1 mg/l (EU Method C.2, 48 h, <i>Daphnia magna</i> , 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, <i>Oncorhynchus mykiss</i> , Static system, Fresh water, Experimental value, GLP) |
| EC50 - Crustacea [1] | 59 mg/l (OECD 202: <i>Daphnia</i> sp. Acute Immobilisation Test, 48 h, <i>Daphnia magna</i> , Static system, Fresh water, Experimental value, GLP) |
| ErC50 algae | 156.7 mg/l (DIN 38412-9, 96 h, <i>Desmodesmus subspicatus</i> , Static system, Fresh water, Experimental value, Nominal concentration) |

| ALDEHYDE C 16 (77-83-8) | |
|-------------------------|--|
| LC50 - Fish [1] | 4.2 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, <i>Oncorhynchus mykiss</i> , Semi-static system, Fresh water, Experimental value, GLP) |
| ErC50 algae | 36 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, <i>Pseudokirchneriella subcapitata</i> , Static system, Fresh water, Experimental value, GLP) |

| D-LIMONENE (5989-27-5) | |
|------------------------|--|
| LC50 - Fish [1] | 720 µg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, <i>Pimephales promelas</i> , Flow-through system, Fresh water, Experimental value, Lethal) |
| EC50 - Crustacea [1] | 0.36 mg/l (OECD 202: <i>Daphnia</i> sp. Acute Immobilisation Test, 48 h, <i>Daphnia magna</i> , Static system, Fresh water, Experimental value, GLP) |

12.2. Persistence and degradability

| PHENYL ETHYL ALCOHOL (60-12-8) | |
|---------------------------------|--|
| Persistence and degradability | Biodegradable in the soil. Readily biodegradable in water. |
| Biochemical oxygen demand (BOD) | 1.45 g O ₂ /g substance |
| Chemical oxygen demand (COD) | 2.5 g O ₂ /g substance |
| ThOD | 2.6 g O ₂ /g substance |
| BOD (% of ThOD) | 0.558 |

| TRIPLAL (68039-49-6) | |
|-------------------------------|---|
| Persistence and degradability | Biodegradability in water: no data available. |

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

| GERANYL ACETATE (105-87-3) | |
|-------------------------------|-----------------------------------|
| Persistence and degradability | Readily biodegradable in water. |
| ThOD | 2.6 g O ₂ /g substance |

| Linalool (78-70-6) | |
|-------------------------------|---------------------------------|
| Persistence and degradability | Readily biodegradable in water. |

| ALDEHYDE C 16 (77-83-8) | |
|-------------------------------|-------------------------------------|
| Persistence and degradability | Not readily biodegradable in water. |

RUSTIC ESSENTIALS™ LINGONBERRY WREATH FRAGRANCE OIL

Safety Data Sheet

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

| ALLYL AMYL GLYCOLATE (67634-00-8) | |
|--|---|
| Persistence and degradability | Biodegradability in water: no data available. |

| D-LIMONENE (5989-27-5) | |
|-------------------------------|------------------------------------|
| Persistence and degradability | Readily biodegradable in water. |
| ThOD | 3.29 g O ₂ /g substance |

12.3. Bioaccumulative potential

| PHENYL ETHYL ALCOHOL (60-12-8) | |
|---|--|
| Partition coefficient n-octanol/water (Log Pow) | 1.38 (Experimental value) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

| TRIPLAL (68039-49-6) | |
|-----------------------------|------------------------------------|
| Bioaccumulative potential | No bioaccumulation data available. |

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

| GERANYL ACETATE (105-87-3) | |
|---|---|
| BCF - Other aquatic organisms [1] | 1500 (Estimated value) |
| Partition coefficient n-octanol/water (Log Pow) | 4.04 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method) |
| 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). |

| ALDEHYDE C 16 (77-83-8) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 2.4 – 2.8 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

| ALLYL AMYL GLYCOLATE (67634-00-8) | |
|--|------------------------------------|
| Bioaccumulative potential | No bioaccumulation data available. |

| 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). |

12.4. Mobility in soil

| TRIPLAL (68039-49-6) | |
|-----------------------------|---|
| Ecology - soil | No (test)data on mobility of the substance available. |

| GERANYL ACETATE (105-87-3) | |
|--|---|
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 3.06 (log Koc, SRC PCKOCWIN v2.0, Calculated value) |
| Ecology - soil | Low potential for mobility in 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. |

| ALDEHYDE C 16 (77-83-8) | |
|--|---|
| Surface tension | 59 N/m (19.6 °C, 0.79 g/l, OECD 115: Surface Tension of Aqueous Solutions) |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 2.34 – 2.74 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP) |
| Ecology - soil | Low potential for adsorption in soil. |

| D-LIMONENE (5989-27-5) | |
|-------------------------------|------------------------|
| Ecology - soil | Adsorbs into the soil. |

RUSTIC ESSENTIALS™ LINGONBERRY WREATH FRAGRANCE OIL

Safety Data Sheet

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

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.
Additional information : Flammable vapors may accumulate in the container.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

- Transport document description (DOT) : UN1169 Extracts, aromatic, liquid, 3, III
UN-No.(DOT) : UN1169
Proper Shipping Name (DOT) : Extracts, aromatic, liquid
Class (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Packing group (DOT) : III - Minor Danger
Hazard labels (DOT) : 3 - Flammable liquid



- DOT Packaging Non Bulk (49 CFR 173.xxx) : 203
DOT Packaging Bulk (49 CFR 173.xxx) : 242
DOT Special Provisions (49 CFR 172.102) : B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable.
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).
T2 - 1.5 178.274(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.
DOT Packaging Exceptions (49 CFR 173.xxx) : 150
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 60 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 220 L
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 : 127
Other information : No supplementary information available.

Transportation of Dangerous Goods

- Transport document description (TDG) : UN1169 EXTRACTS, AROMATIC, LIQUID, 3, III
UN-No. (TDG) : UN1169
Proper Shipping Name (TDG) : EXTRACTS, AROMATIC, LIQUID
TDG Primary Hazard Classes : 3 - Class 3 - Flammable Liquids
Packing group (TDG) : III - Minor Danger
Explosive Limit and Limited Quantity Index : 5 L

RUSTIC ESSENTIALS™ LINGONBERRY WREATH FRAGRANCE OIL

Safety Data Sheet

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

Passenger Carrying Road Vehicle or Passenger : 60 L
Carrying Railway Vehicle Index

Transport by sea

Transport document description (IMDG) : UN 1169 EXTRACTS, AROMATIC, LIQUID, 3, III
UN-No. (IMDG) : 1169
Proper Shipping Name (IMDG) : EXTRACTS, AROMATIC, LIQUID
Class (IMDG) : 3 - Flammable liquids
Packing group (IMDG) : III - substances presenting low danger
Limited quantities (IMDG) : 5 L

Air transport

Transport document description (IATA) : UN 1197 Extracts, liquid for aroma, 3, III
UN-No. (IATA) : 1197
Proper Shipping Name (IATA) : Extracts, liquid for aroma
Class (IATA) : 3 - Flammable Liquids
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

| | | |
|---|--------------------|---------|
| PHENYL ETHYL ALCOHOL | CAS-No. 60-12-8 | 1 – 5% |
| 2,4-DIMETHYL-3-CYCLOHEXENE CARBOXALDEHYDE | CAS-No. 68039-49-6 | 1 – 5% |
| 2-ethyl-3-hydroxypyran-4-one | CAS-No. 4940-11-8 | 1 – 5% |
| GERANYL ACETATE | CAS-No. 105-87-3 | 1 – 5% |
| LINALOOL | CAS-No. 78-70-6 | 5 – 10% |
| NEROL | CAS-No. 106-25-2 | 1 – 5% |
| ALDEHYDE C 16 | CAS-No. 77-83-8 | 5 – 10% |
| ALLYL AMYL GLYCOLATE | CAS-No. 67634-00-8 | 1 – 5% |
| CITRAL | CAS-No. 5392-40-5 | < 0.5% |
| DAMASCONE DELTA | CAS-No. 57378-68-4 | < 0.5% |
| LIMONENE | CAS-No. 5989-27-5 | < 0.5% |

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

| |
|---|
| PHENYL ETHYL ALCOHOL (60-12-8) |
| Listed on the Canadian DSL (Domestic Substances List) |
| TRIPLAL (68039-49-6) |
| Listed on the Canadian DSL (Domestic Substances List) |
| ETHYL MALTOL (4940-11-8) |
| Listed on the Canadian DSL (Domestic Substances List) |
| GERANYL ACETATE (105-87-3) |
| Listed on the Canadian DSL (Domestic Substances List) |

RUSTIC ESSENTIALS™ LINGONBERRY WREATH FRAGRANCE OIL

Safety Data Sheet

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

| |
|---|
| Linalool (78-70-6) |
| Listed on the Canadian DSL (Domestic Substances List) |
| NEROL (106-25-2) |
| Listed on the Canadian DSL (Domestic Substances List) |
| ALDEHYDE C 16 (77-83-8) |
| Listed on the Canadian DSL (Domestic Substances List) |
| ALLYL AMYL GLYCOLATE (67634-00-8) |
| Listed on the Canadian DSL (Domestic Substances List) |
| CITRAL (5392-40-5) |
| Listed on the Canadian DSL (Domestic Substances List) |
| DAMASCONE DELTA (57378-68-4) |
| Listed on the Canadian DSL (Domestic Substances List) |
| D-LIMONENE (5989-27-5) |
| Listed on the Canadian DSL (Domestic Substances List) |

EU-Regulations

No additional information available

National regulations

| |
|---|
| PHENYL ETHYL ALCOHOL (60-12-8) |
| 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) 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) |
| TRIPLAL (68039-49-6) |
| 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 the EC Inventory Listed on INSQ (Mexican National Inventory of Chemical Substances) 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) 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) |

RUSTIC ESSENTIALS™ LINGONBERRY WREATH FRAGRANCE OIL

Safety Data Sheet

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

GERANYL ACETATE (105-87-3)

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)

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)

NEROL (106-25-2)

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)

ALDEHYDE C 16 (77-83-8)

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)

ALLYL AMYL GLYCOLATE (67634-00-8)

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 the EC Inventory
Listed on INSQ (Mexican National Inventory of Chemical Substances)
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)

RUSTIC ESSENTIALS™ LINGONBERRY WREATH FRAGRANCE OIL

Safety Data Sheet

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

CITRAL (5392-40-5)

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)

DAMASCONE DELTA (57378-68-4)

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 the EC Inventory
Listed on INSQ (Mexican National Inventory of Chemical Substances)
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)

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)

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:

| | |
|------|--|
| H226 | Flammable liquid and vapor |
| H227 | Combustible liquid |
| H302 | Harmful if swallowed |
| H304 | May be fatal if swallowed and enters airways |
| H311 | Toxic in contact with skin |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |
| H330 | Fatal if inhaled |
| H332 | Harmful if inhaled |

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.