

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : SUMMERS EARTH
CAS-No. : MIXTURE

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

Rustic Escentuals
1050 Canaan Road
Roebuck, SC 29376 USA
p. 864-582-9335 | f. 864-582-9334
RusticEscentuals.com

1.4. Emergency telephone number

Emergency number : INFOTRAC (US & Canada) 1-800-535-5053 | (International) 1-352-323-3500

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Flammable liquids Category 4	H227	Combustible liquid
Serious eye damage/eye irritation Category 2	H319	Causes serious eye 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) :

H227 - Combustible liquid
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation

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.
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
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P321 - Specific treatment (see supplemental first aid instruction on this label)
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: 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

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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
VERTENEX	(CAS-No.) 32210-23-4	5 - 10	Skin Sens. 1B, H317
HEXYL CINNAMIC ALDEHYDE	(CAS-No.) 101-86-0	5 - 10	Skin Sens. 1B, H317
DIETHYL MALONATE	(CAS-No.) 105-53-3	5 - 10	Flam. Liq. 4, H227 Eye Irrit. 2, H319
LINALYL ACETATE	(CAS-No.) 115-95-7	1 - 5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
D-LIMONENE	(CAS-No.) 5989-27-5	1 - 5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304
BENZYL SALICYLATE	(CAS-No.) 118-58-1	1 - 5	Eye Irrit. 2, H319 Skin Sens. 1B, H317
HEXYL SALICYLATE	(CAS-No.) 6259-76-3	1 - 5	Skin Irrit. 2, H315 Skin Sens. 1, H317
COUMARIN	(CAS-No.) 91-64-5	1 - 5	Acute Tox. 3 (Oral), H301 Skin Sens. 1B, H317
BACDANOL	(CAS-No.) 28219-61-6	1 - 5	Eye Irrit. 2, H319
LAEVO CARVONE	(CAS-No.) 6485-40-1	< 0.5	Flam. Liq. 4, H227 Skin Sens. 1, H317
Linalyl acetate	(CAS-No.) 115-95-7	< 0.5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319 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 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 occurs: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse eyes with water as a precaution. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- 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 : May cause an allergic skin reaction.
- Symptoms/effects after eye contact : Eye irritation.

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

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

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

BACDANOL (28219-61-6)

Not applicable

BENZYL SALICYLATE (118-58-1)

Not applicable

COUMARIN (91-64-5)

Not applicable

DIETHYL MALONATE (105-53-3)

Not applicable

HEXYL CINNAMIC ALDEHYDE (101-86-0)

Not applicable

HEXYL SALICYLATE (6259-76-3)

Not applicable

LAEVO CARVONE (6485-40-1)

Not applicable

Linalyl acetate (115-95-7)

Not applicable

D-LIMONENE (5989-27-5)

Not applicable

LINALYL ACETATE (115-95-7)

Not applicable

VERTENEX (32210-23-4)

Not applicable

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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

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 light yellow Colourless to light amber White to off-white White to light yellow On exposure to light: discolours
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: Almost odourless Alcohol odour Odourless Fruity odour Aromatic odour Mild odour Characteristic odour Pleasant odour Floral odour Sweet odour Strong odour Lemon odour
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 : 84.9 (≥ 0) °C
Relative evaporation rate (butyl acetate=1) : No data available
Flammability (solid, gas) : 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
Log Pow : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
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.

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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

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Causes serious eye irritation.
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
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D-LIMONENE (5989-27-5)

IARC group	3 - Not classifiable
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Reproductive toxicity : Not classified
Specific target organ toxicity – single exposure : Not classified

Specific target organ toxicity – repeated exposure : Not classified

Aspiration hazard : Not classified
Viscosity, kinematic : No data available
Symptoms/effects after skin contact : May cause an allergic skin reaction.
Symptoms/effects after eye contact : Eye irritation.

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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.

BACDANOL (28219-61-6)	
LC50 fish 1	1.1 mg/l (US EPA, 96 h, Lepomis macrochirus, Flow-through system, Fresh water, Experimental value, GLP)
ErC50 (algae)	2.5 mg/l (US EPA, 96 h, Selenastrum capricornutum, Static system, Fresh water, Experimental value, GLP)
BENZYL SALICYLATE (118-58-1)	
LC50 fish 1	1.03 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)
EC50 Daphnia 1	1.16 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 Daphnia 1	24.3 - 36.9 mg/l (48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
DIETHYL MALONATE (105-53-3)	
LC50 fish 1	11.8 mg/l (96 h, Pimephales promelas)
EC50 Daphnia 1	202.3 mg/l (48 h, Daphnia magna, Static system)
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 Daphnia 1	0.36 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, 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 Daphnia 1	15 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna)

12.2. Persistence and degradability

BACDANOL (28219-61-6)	
Persistence and degradability	Not readily biodegradable in water.
ThOD	3 g O ₂ /g substance
BENZYL SALICYLATE (118-58-1)	
Persistence and degradability	Readily biodegradable in water.
COUMARIN (91-64-5)	
Persistence and degradability	Readily biodegradable in water.
DIETHYL MALONATE (105-53-3)	
Persistence and degradability	Readily biodegradable in water.
D-LIMONENE (5989-27-5)	
Persistence and degradability	Readily biodegradable in water.
ThOD	3.29 g O ₂ /g substance
LINALYL ACETATE (115-95-7)	
Persistence and degradability	Readily biodegradable in water.

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12.3. Bioaccumulative potential

BACDANOL (28219-61-6)	
BCF other aquatic organisms 1	667 (Other, QSAR)
Log Pow	4.4 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 35 °C)
Bioaccumulative potential	Potential for bioaccumulation ($500 \leq \text{BCF} \leq 5000$).
BENZYL SALICYLATE (118-58-1)	
BCF fish 1	1170 (OECD 305: Bioconcentration: Flow-Through Fish Test, 28 day(s), Danio rerio, Flow-through system, Fresh water, Read-across, GLP)
Log Pow	4 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method)
Bioaccumulative potential	Potential for bioaccumulation ($500 \leq \text{BCF} \leq 5000$).
COUMARIN (91-64-5)	
Log Pow	1.39 (QSAR, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation ($\text{Log Kow} < 4$).
DIETHYL MALONATE (105-53-3)	
Log Pow	0.96
Bioaccumulative potential	Low potential for bioaccumulation ($\text{Log Kow} < 4$).
D-LIMONENE (5989-27-5)	
BCF fish 1	864.8 - 1022 (Pisces, QSAR, Fresh weight)
Log Pow	4.38 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 37 °C)
Bioaccumulative potential	Potential for bioaccumulation ($4 \geq \text{Log Kow} \geq 5$).
LINALYL ACETATE (115-95-7)	
Log Pow	3.93 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation ($\text{Log Kow} < 4$).

12.4. Mobility in soil

BACDANOL (28219-61-6)	
Log Koc	2.57 (log Koc, Other, QSAR)
Ecology - soil	Low potential for adsorption in soil.
BENZYL SALICYLATE (118-58-1)	
Surface tension	69 mN/m (20 °C, 0.004 g/l, EU Method A.5: Surface tension)
Log Koc	3.75 (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)	
Log Koc	1.63 (log Koc, QSAR)
Ecology - soil	Highly mobile in soil.
DIETHYL MALONATE (105-53-3)	
Ecology - soil	May be harmful to plant growth, blooming and fruit formation.
D-LIMONENE (5989-27-5)	
Ecology - soil	Adsorbs into the soil.
LINALYL ACETATE (115-95-7)	
Ecology - soil	Adsorbs into the soil.

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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

Not regulated

Transportation of Dangerous Goods

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

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

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

BACDANOL (28219-61-6)

Listed on the Canadian DSL (Domestic Substances List)

BENZYL SALICYLATE (118-58-1)

Listed on the Canadian DSL (Domestic Substances List)

COUMARIN (91-64-5)

Listed on the Canadian DSL (Domestic Substances List)

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DIETHYL MALONATE (105-53-3)

Listed on the Canadian DSL (Domestic Substances List)

HEXYL CINNAMIC ALDEHYDE (101-86-0)

Listed on the Canadian DSL (Domestic Substances List)

HEXYL SALICYLATE (6259-76-3)

Listed on the Canadian DSL (Domestic Substances List)

LAEVO CARVONE (6485-40-1)

Listed on the Canadian DSL (Domestic Substances List)

Linalyl acetate (115-95-7)

Listed on the Canadian DSL (Domestic Substances List)

D-LIMONENE (5989-27-5)

Listed on the Canadian DSL (Domestic Substances List)

LINALYL ACETATE (115-95-7)

Listed on the Canadian DSL (Domestic Substances List)

VERTENEX (32210-23-4)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations



WARNING:

This product can expose you to Myrcene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

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

Full text of H-phrases:

H226	Flammable liquid and vapour
H227	Combustible liquid
H301	Toxic 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

SDS US (GHS HazCom 2012)

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.