



1050 Canaan Road
Roebuck, SC 29376 USA
P:864-582-9335 F:864-582-9334
www.RusticEscentuals.com

Safety Data Sheet

SDS Type: GHS / OSHA

Product: **Bayberry**
SKU#: **BayberryLW**

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1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade Name: Bayberry

Product/Sales No: BayberryLW

1.2 Relevant identified product use

Intended use: Compound used in customer substance/mixture/product

1.3 Details of the manufacturer/supplier of the safety data sheet

Manufacturer: Rustic Escentuals
1050 Canaan Road
Roebuck, SC 29376 USA
P:864-582-9335 F:864-582-9334
http://www.rusticescentuals.com

1.4 Emergency telephone number

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

+1 813 248-0585 International

2. Hazards Identification

2.1 Classification of the substance or mixture

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

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

Flammable Liquids, Category 4	H227: Combustible liquid
Skin Corrosion/Irritation, Category 3	H316: Causes mild skin irritation
Sensitization, Skin, Category 1A	H317: May cause an allergic skin reaction
Acute Toxicity Inhalation, Category 5	H333: May be harmful if inhaled
Carcinogenicity, Category 1B	H350: May cause cancer
Aquatic Chronic Toxicity, Category 2	H411: Toxic to aquatic life with long lasting effects

Classification OSHA (Provisions 1910.1200 of title 29)

Flammability	Class IIIA Combustible Liquid
Acute Dermal/Eye	12 : Causes moderate skin irritation. 16 : Causes eye irritation.
Acute Oral	3 : May be harmful if swallowed or if aspirated into the lungs 4 : Harmful if swallowed, can enter lungs and cause damage
Genotoxicity	36 : Suspected of causing genetic defects
Sensitization/Allergic Response	31 : May cause allergic skin reaction.
Target Organ Effects	28 : Prolonged or repeated Dermal Exposure may cause damage to: kidneys, skin
Carcinogenicity	This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following:None [X] ACGIH [] IARC [] NTP [] OSHA []

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms

Product: **Bayberry**
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Signal Word: **Danger**

Hazard statements

- | | |
|------|---|
| H227 | Combustible liquid |
| H316 | Causes mild skin irritation |
| H317 | May cause an allergic skin reaction |
| H333 | May be harmful if inhaled |
| H350 | May cause cancer |
| H411 | Toxic to aquatic life with long lasting effects |

Precautionary Statements

Prevention:

- | | |
|------|--|
| P201 | Obtain special instructions before use |
| P202 | Do not handle until all safety precautions have been read and understood |
| P235 | Keep cool |
| P272 | Contaminated work clothing should not be allowed out of the workplace |
| P273 | Avoid release to the environment |
| P281 | Use personal protective equipment as required |

Response:

- | | |
|-------------|--|
| P302 + P352 | IF ON SKIN: Wash with soap and water |
| P304 + P312 | IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell |
| P308 + P313 | IF exposed or concerned: Get medical advice/attention |
| P333 + P313 | If skin irritation or a rash occurs: Get medical advice/attention |
| P363 | Wash contaminated clothing before reuse |
| P370 + P378 | In case of fire: Use Carbon dioxide (CO2), Dry chemical, or Foam for extinction. Do not use a direct water jet on burning material |
| P391 | Collect Spillage |

2.3 Other Hazards

no data available

3. Composition/Information on Ingredients

3.1 Mixtures

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

CAS# Ingredient	EC#	Conc. Range	GHS Classification	OSHA Classification
84-66-2 Diethyl phthalate	201-550-6	> 80 %	H316; H402	
125-12-2 Isobornyl acetate	204-727-6	2 - 5 %	H227; H316; H401	11, 15



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CAS# Ingredient	EC#	Conc. Range	GHS Classification	OSHA Classification
8021-29-2 Abies sibirica oil	294-351-9	2 - 5 %	H226; H304; H316; H319; H400; H410	12, 16, 3, 31
120-51-4 Benzyl Benzoate	204-402-9	2 - 5 %	H302; H313; H400; H411	28, 3
8000-34-8 Eugenia caryophyllus (Clove) leaf oil	284-638-7	1 - 2 %	H303; H304; H313; H316; H319; H401	12, 31, 36, 4
54464-57-2 Tetramethyl Acetyloctahydronaphthalenes	259-174-3	0.1 - 1.0 %	H315; H317; H400; H410	11, 31
80-56-8 α-Pinene	201-291-9	0.1 - 1.0 %	H226; H303; H304; H315; H317; H400; H410	11, 15, 25
8015-91-6 Oil Cinnamon Leaf Ceylon	283-479-0	0.1 - 1.0 %	H227; H303; H313; H316; H319; H341; H350; H401; H412	11, 15, 31
68647-72-3 Limonene	232-433-8	0.1 - 1.0 %	H226; H304; H315; H317; H400; H410	12, 3, 31
103-95-7 2-Methyl-3-(p-isopropylphenyl)propionaldehyde	203-161-7	0.1 - 1.0 %	H227; H303; H315; H317; H401; H412	11, 15, 31
31906-04-4 Hydroxyisohexyl 3-cyclohexene carboxaldehyde	250-863-4	0.1 - 1.0 %	H317; H402	
127-91-3 β-Pinene	204-872-5	0.1 - 1.0 %	H226; H304; H315; H317; H400; H410	11, 15, 24, 25, 31
586-62-9 Terpinolene	209-578-0	0.1 - 1.0 %	H227; H303; H304; H316; H317; H400; H401; H410	
87-44-5 beta-Caryophyllene	201-746-1	0.1 - 1.0 %	H304; H316; H317	31, 4
68737-61-1 Dimethyltetrahydro Benzaldehyde	272-113-5	0.1 - 1.0 %	H227; H303; H313; H315; H317; H401; H411	12, 15, 31

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 3.99

4. First Aid Measures

4.1 Description of first aid measures

Inhalation:	Remove from exposure site to fresh air and keep at rest. Obtain medical advice.
Eye Exposure:	Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
Skin Exposure:	Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.
Ingestion:	Rinse mouth with water and obtain medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:	no data available
Risks:	Refer to Section 2.2 "Hazard Statements"

4.3 Indication of any immediate medical attention and special treatment needed



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Treatment: Refer to Section 2.2 "Response"

5. Fire-Fighting measures

5.1 Extinguishing media

Suitable: Carbon dioxide (CO₂), Dry chemical, Foam
 Unsuitable: Do not use a direct water jet on burning material

5.2 Special hazards arising from the substance or mixture

During fire fighting: Water may be ineffective

5.3 Advice for firefighters

Further information: Standard procedure for chemical fires

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

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

6.2 Environmental precautions

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

6.3 Methods and materials for containment and cleaning up

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

6.4 Reference to other sections

Not Applicable

7. Handling and Storage

7.1 Precautions for safe handling

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

7.2 Conditions for safe storage, including any incompatibilities

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

7.3 Specific end uses

No information available

8. Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits:

Component	ACGIH		OSHA	
	TWA ppm	STEL ppm	TWA ppm	STEL ppm
84-66-2 Diethyl phthalate		5		
80-56-8 a-Pinene		20		
127-91-3 β-Pinene		20		



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Engineering Controls: Use local exhaust as needed.

8.2 Exposure controls - Personal protective equipment

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

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

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

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Conforms to Standard
Odor:	Conforms to Standard
Color:	Colorless
Viscosity:	Liquid
Freezing Point:	Not determined
Boiling Point:	Not determined
Melting Point:	Not determined
Flashpoint (CCCFP):	155 F (68.33 C)
Auto flammability:	Not determined
Explosive Properties:	None Expected
Oxidizing properties:	None Expected
Vapor Pressure (mmHg@20 C):	0.0689
%VOC:	5.9603
Specific Gravity @ 25 C:	1.0850
Density @ 25 C:	1.0820
Refractive Index @ 20 C:	1.4985
Soluble in:	Oil

10. Stability and Reactivity

10.1 Reactivity	None
10.2 Chemical stability	Stable
10.3 Possibility of hazardous reactions	None known
10.4 Conditions to avoid	None known
10.5 Incompatible materials	Strong oxidizing agents, strong acids, and alkalis
10.6 Hazardous decomposition products	None known



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11. Toxicological Information

11.1 Toxicological Effects

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

Acute toxicity - Oral - (Rat) mg/kg	(LD50: 6,580.99) Not classified - the classification criteria are not met
Acute toxicity - Dermal - (Rabbit) mg/kg	(LD50: 8,205.32) Not classified - the classification criteria are not met
Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LC50: 21.85) May be harmful if inhaled
Skin corrosion / irritation	Causes mild skin irritation
Serious eye damage / irritation	Not classified - the classification criteria are not met
Respiratory sensitization	Not classified - the classification criteria are not met
Skin sensitization	May cause an allergic skin reaction
Germ cell mutagenicity	Not classified - the classification criteria are not met
Carcinogenicity	May cause cancer
Reproductive toxicity	Not classified - the classification criteria are not met
Specific target organ toxicity - single exposure	Not classified - the classification criteria are not met
Specific target organ toxicity - repeated exposure	Not classified - the classification criteria are not met
Aspiration hazard	Not classified - the classification criteria are not met

12. Ecological Information

12.1 Toxicity

Acute aquatic toxicity	Not classified - the classification criteria are not met
Chronic aquatic toxicity	Toxic to aquatic life with long lasting effects
Toxicity Data on soil	no data available
Toxicity on other organisms	no data available

12.2 Persistence and degradability no data available

12.3 Bioaccumulative potential no data available

12.4 Mobility in soil no data available

12.5 Other adverse effects no data available

13. Disposal Conditions

13.1 Waste treatment methods

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



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14. Transport Information

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

15. Regulatory Information

U.S. Federal Regulations:

TSCA (Toxic Substance Control Act): All components of the substance/mixture are listed or exempt
 40 CFR(EPCRA, SARA, CERCLA and CAA) This product contains the following components:
 84-66-2 201-550-6 > 80 % Diethyl phthalate

U.S. State Regulations:

California Proposition 65 Warning This product contains the following components:
 94-59-7 202-345-4 <= 50 ppm Safrole (NFS)
 (NFS) 202-223-0 <= 21 ppm Methyl Eugenol (NFS)
 (NFS) 204-622-5 0.01 - 0.1% beta-Myrcene (NFS)

Canadian Regulations:

DSL / NDSL 99.67% of the components are listed or exempt.
 IFF#3076211 0.1 - 1.0 % Fir Essence OLIFFAC 0110 (IFF Compound)
 4

16. Other Information

GHS H-Statements referred to under section 3

Total Fractional Values

(TFV) Risk	(TFV) Risk
(9.58) Skin Corrosion/Irritation, Category 3	(3.30) Sensitization, Skin, Category 1A
(4.18) Carcinogenicity, Category 1B	(3.16) Aquatic Chronic Toxicity, Category 2

Department issuing data sheet: Technical Support
 Department E-mail address: TechSupport@RusticEscentuals.com



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Remarks

This safety data sheet is based on the properties of the material known to Rustic Escentuals at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment Rustic Escentuals holds no responsibility. This document is not intended for quality assurance purposes.