

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

1.1 Product identifier

Trade Name: Yuzu

Product/Sales No: Yuzu

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 3	H226: Flammable liquid and vapour
Aspiration Hazard, Category 1	H304: May be fatal if swallowed and enters airways
Skin Corrosion/Irritation, Category 2	H315: Causes skin irritation
Sensitization, Skin, Category 1A	H317: May cause an allergic skin reaction
Acute Toxicity Inhalation, Category 5	H333: May be harmful if inhaled
Aquatic Chronic Toxicity, Category 1	H410: Very toxic to aquatic life with long lasting effects

Classification OSHA (Provisions 1910.1200 of title 29)

Flammability	Class II Flammable Liquid
Acute Dermal/Eye	12 : Causes skin irritation. 15 : May cause eye irritation.
Acute Oral	3 : May be harmful if swallowed or if aspirated into the lungs
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





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Signal Word: **Danger**

Hazard statements

H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H333	May be harmful if inhaled
H410	Very toxic to aquatic life with long lasting effects

Precautionary Statements

Prevention:

P233	Keep container tightly closed
P235	Keep cool
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ventilating/light/.../equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P264	Wash hands thoroughly after handling
P272	Contaminated work clothing should not be allowed out of the workplace
P273	Avoid release to the environment

Response:

P301 + P310 + P331	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do NOT induce vomiting
P302 + P352	IF ON SKIN: Wash with soap and water
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing Rinse skin with water/shower
P304 + P312	IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell
P333 + P313	If skin irritation or a rash occurs: Get medical advice/attention
P352	Wash with soap and water
P362	Take off contaminated clothing and wash before reuse
P363	Wash contaminated clothing before reuse
P370 + P378	In case of fire: Use Carbon dioxide (CO ₂), 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
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CAS# Ingredient	EC#	Conc. Range	GHS Classification	OSHA Classification
84-66-2 Diethyl phthalate	201-550-6	40 - 50 %	H316; H402	
68647-72-3 Limonene	232-433-8	40 - 50 %	H226; H304; H315; H317; H400; H410	12, 3, 31
120-51-4 Benzyl Benzoate	204-402-9	1 - 2 %	H302; H313; H400; H411	28, 3
104-67-6 gamma-Undecalactone	203-225-4	1 - 2 %	H316; H401; H402; H412	11
103-60-6 2-Phenoxyethyl isobutyrate	203-127-1	1 - 2 %	H316	11
18479-58-8 2,6-dimethyloct-7-en-2-ol	242-362-4	1 - 2 %	H227; H303; H315; H319; H402	11, 15
706-14-9 gamma-Decalactone	211-892-8	1 - 2 %	H316	
101-86-0 Hexyl cinnamaldehyde	202-983-3	1 - 2 %	H303; H316; H317; H400; H411	11, 15
8007-75-8 (FCF) Citrus aurantium bergamia (Bergamot) fruit oil	289-612-9	0.1 - 1.0 %	H226; H304; H315; H317; H319; H401; H411	12, 3, 31
68737-61-1 Dimethyltetrahydro Benzaldehyde	272-113-5	0.1 - 1.0 %	H227; H303; H313; H315; H317; H401; H411	12, 15, 31
80-54-6 Butylphenyl Methylpropional	201-289-8	0.1 - 1.0 %	H227; H302; H315; H317; H361; H401; H411	11, 15, 26, 28, 3, 31, 39
78-70-6 Linalool	201-134-4	0.1 - 1.0 %	H227; H303; H315; H317; H319; H402	12, 26
57378-68-4 delta-1-(2,6,6-Trimethyl-3-cyclohexen-1-yl)-2-buten-1-one (delta-Damascone)	260-709-8	0.1 - 1.0 %	H302; H315; H317; H318; H400; H410	11, 15, 31

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 43.51

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 TWA ppm	ACGIH STEL ppm	OSHA TWA ppm	OSHA STEL ppm
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84-66-2 Diethyl phthalate

5

Engineering Controls: Use local exhaust as needed.

8.2 Exposure controls - Personal protective equipment



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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 to Nearly Colorless G0

Viscosity: Liquid

Freezing Point: Not determined

Boiling Point: Not determined

Melting Point: Not determined

Flashpoint (CCCFP): 132 F (55.56 C)

Auto flammability: Not determined

Explosive Properties: None Expected

Oxidizing properties: None Expected

Vapor Pressure (mmHg@20 C): 0.4953

%VOC: 44.97

Specific Gravity @ 25 C: 0.9630

Density @ 25 C: 0.9600

Refractive Index @ 20 C: 1.4835

Soluble in: Not determined

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

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: 5,844.44) Not classified - the classification criteria are not met



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Acute toxicity - Dermal - (Rabbit) mg/kg	(LD50: 6,148.45) Not classified - the classification criteria are not met
Acute toxicity - Inhalation - (Rat) mg/L/4hr	(LC50: 37.50) May be harmful if inhaled
Skin corrosion / irritation	Causes 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	Not classified - the classification criteria are not met
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	May be fatal if swallowed and enters airways

12. Ecological Information

12.1 Toxicity

Acute aquatic toxicity	Not classified - the classification criteria are not met
Chronic aquatic toxicity	Very 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.

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



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IATA (Air Cargo)

Perfumery Products		3	III	Flammable Liquid	UN1266
Environmentally Hazardous Liquid, n.o.s.	Substance,	9	III		UN3082

IMDG (Sea)

Perfumery Products		3	III	Flammable Liquid	UN1266
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 40 - 50 % Diethyl phthalate

U.S. State Regulations:

California Proposition 65 Warning This product contains the following components:
 123-35-3(NF 204-622-5 0.1 - 1.0 % beta-Myrcene (NFS)

Canadian Regulations:

DSL / NDSL 100.00% of the components are listed or exempt.
 20016-72-2 208-546-3 <= 1 ppm Dimyrcene
 6753-98-6 229-816-7 <= 0 ppm 3,7,10-Humulatriene
 484-20-8 <= 0 ppm Begapten (5-MOP)
 3856-25-5 223-364-4 <= 1 ppm a-Copaene

16. Other Information

GHS H-Statements referred to under section 3

Total Fractional Values

(TFV) Risk	(TFV) Risk
(4.39) Aspiration Hazard, Category 1	(4.65) Skin Corrosion/Irritation, Category 2
(1.00) Sensitization, Skin, Category 1A	(1.74) Aquatic Chronic Toxicity, Category 1

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

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.



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