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Safety Data Sheet Yuzu Cybilla Fragrance Oil (FO176)

June 12, 2016

Section 1: Chemical Product and Company Identification

Product name: Yuzu Cybilla Fragrance Oil

Contact Info: Bramble Berry Inc.

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accepted)

Section 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 Regulation (EC) No 1272/2008

Flammable Liquids, Category 3 H226: Flammable liquid and vapor Acute Toxicity Oral, Category 5 H303: May be harmful if swallowed

Aspiration Hazard, Category 1 H304: May be fatal if swallowed and enters airways

Acute Toxicity Dermal, Category 5 H313: May be harmful in contact with skin

Skin Corrosion/Irritation, Category 2 H315: Causes skin irritation

Sensitization, Skin, Category 1A

Eye Damage/Eye Irritation, Category 2A

Acute Toxicity Inhalation, Category 5

H317: May cause an allergic skin reaction
H319: Causes serious eye irritation
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 15 : May cause

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







Signal Word: Danger Hazard statements

H226 Flammable liquid and vapor H303 May be harmful if swallowed

H304 May be fatal if swallowed and enters airways

H313 May be harmful in contact with skin

H315 Causes skin irritation

H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
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

IF INHALED: Call a POISON CENTER or doctor/physician if

P304 + P312 IF INHALED: Call a vou feel unwell

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes

Remove contact lenses if present and easy to do. continue

rinsina

P312 Call a POISON CENTER or doctor/physician if you feel unwell P333 + P313 If skin irritation or a rash occurs: Get medical advice/attention

P337 + P313 If eye irritation persists: 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 (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

Section 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
120-51-4 Benzyl	204-402-9	40-50%	H302, H313, H400,	28. 3







Benzoate			H411	
68647-72-3 Citrus	232-433-8	40-50%	H226, H304, H315,	12, 3, 31
aurantium var.			H317, H400, H410	
dulcis				
103-60-6 2-	203-127-1	1-2%	H316	11
Phenoxyethyl				
isobutyrate				
104-67-6 gamma-	203-225-4	1-2%	H316, H401, H402,	11
Undecalactone			H412	
18479-58-8 2,6-	242-362-4	1-2%	H227, H303, H316,	11, 15
dimethyloct-7-en-2-			H319, H402	
ol				
706-14-9 gamma-	211-892-8	1-2%	H316	
Decalactone				
101-86-0 Hexyl	202-983-3	1-2%	H303, H316, H317,	11, 15
cinnamaldehyde			H400, H411	
80-54-6	201-289-8	0.1-1.0%	H227, H302, H315,	11, 15, 26, 28, 3,
Butylphenyl			H317, H361, H401,	31, 39
Methylpropional			H411	
57378-68-4 delta-	260-709-8	0.1-1.0%	H302, H315, H317,	11, 15, 31
1-(2,6,6-Trimethyl-			H318, H400, H410	
3-cyclohexen-1-yl)-				
2-buten-1-one				
(delta-Damascone)				

See Section 16 for full text of GHS classification codes

Total Hydrocarbon Content (% w/w) = 43.45

Section 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

Treatment: Refer to Section 2.2 "Response"

Section 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







Section 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

Section 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

Section 8: Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits: Contains no substances with occupational exposure limit values

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.

Section 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

Viscosity: Liquid

Freezing Point: Not determined **Boiling Point:** Not determined Melting Point: Not determined Flashpoint (CCCFP): 134 F (56.67 C) Auto flammability: Not determined **Explosive Properties:** None Expected None Expected Oxidizing properties: Vapor Pressure (mmHg@20 C): 0.4949

%VOC: 0.4948







Specific Gravity @ 25 C: 0.9645 Density @ 25 C: 0.9615 Refractive Index @ 20 C: 1.5110

Soluble in: Not determined

Section 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

Section 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: 2,368.25) May be harmful if swallowed Acute toxicity - Dermal - (Rabbit) mg/kg (LD50: 4,303.91) May be harmful in contact with skin

Acute toxicity - Inhalation - (Rat) mg/L/4hr (LC50: 264.75) May be harmful if inhaled

Skin corrosion / irritation Causes skin irritation Causes serious eye irritation Serious eye damage / irritation

Respiratory sensitization Not classified - the classification criteria are not met

Skin sensitization May cause an allergic skin reaction

Not classified - the classification criteria are not met Germ cell mutagenicity 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

Section 12: Ecological Information

12.1 Toxicity

Acute acquatic toxicity Not classified - the classification criteria are not met Chronic acquatic 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 no data available 12.4 Mobility in soil 12.5 Other adverse effects no data available

Section 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.

Section 14: Transport Information

Class Pack Group UN-nr. Regulator

U.S. DOT (Non-Bulk) Not Regulated - Not Dangerous Goods

Chemicals NOI

ADR/RID (International Road/Rail)

UN3082 Environmentally Hazardous Substance, Ш







Liquid, n.o.s.				
IATA (Air Cargo)				
Perfumery Products	3	Ш	Flammable Liquid	UN1266
Environmentally Hazardous Substance,	9	Ш		UN3082
Liquid, n.o.s.				
IMDG (Sea)				
Perfumery Products	3	Ш	Flammable Liquid	UN1266
Environmentally Hazardous Substance,	9	Ш		UN3082
Liquid, n.o.s.				

Section 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 NO components of concern.

U.S. State Regulations:

California Proposition 65 Warning

This product contains the following components:

123-35-3(NF 204-622-4 0.1-1.0% beta-Myrcene(NFS)

Canadian Regulations:

DSL / NDSL 100.01% of the components are listed or exempt.

6753-98-6 229-816-7 <= 0 ppm 3,7,10-Humulatriene

Section 16: Other Information

GHS H-Statements referred to under section 3

Total Fractional Values

(TFV) Risk (TFV) Risk

(4.31) Aspiration Hazard, Category 1
 (1.00) Sensitization, Skin, Category 1A
 (4.53) Skin Corrosion/Irritation, Category 2
 (1.15) Eye Damage/Eye Irritation, Category 2A

(1.77) Aquatic Chronic Toxicity, Category 1

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