

1. PRODUCT INFORMATION

Product name : Yuzu Fragrance Oil
INCI : Parfum
Country of Origin : United States
Supplier : Windy Point Soap Making Supplies Inc.
Address : 14, 6125-12th Street SE, Calgary, AB T2H 2K1
Telephone : 587-318-6678
Emergency Telephone : (800) 225-3924 Canada, USA, Puerto Rico

2. HAZARDS IDENTIFICATION

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 vapour |
| Acute Toxicity Oral, Category 5 | H303: May be harmful if swallowed |
| 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 |
| Aquatic Chronic Toxicity, Category 1 | H410: Very toxic to aquatic life with long lasting effects |

Classification EU (67/548/EEC, 199/45/EC)

| | |
|----|--|
| N | Dangerous for the Environment |
| | R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment |
| Xi | Irritant |
| | R38 Irritating to skin |
| | R43 May cause sensitization by skin contact |
| Xn | Harmful |
| | R22 Harmful if swallowed |
| | R65 Harmful: may cause lung damage if swallowed |

Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal Word: Danger

Hazard statements

- H226 Flammable liquid and vapor
- H304 May be fatal if swallowed and enters airways
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- 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
- 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 (CO₂), Dry chemical, or Foam for extinction. Do not use a direct water jet on burning material
- P391 Collect Spillage

Other Hazards

No data available

3. COMPOSITION / INFORMATION INGREDIENTS

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 | EU Classification |
|---|-----------|----------------|--|---|
| 68917-32-8 Grapefruit oil terpenes | 289-904-6 | 50 - 60 % | H226; H304; H315; H317; H400; H410 | R10; N - R50/53; Xi - R38, R43; Xn - R65 |
| 120-51-4 Benzyl Benzoate | 204-402-9 | 30 - 40 % | H302; H313; H400; H411 | N - R51/53; Xn - R22 |
| 706-14-9 gamma-Decalactone | 211-892-8 | 1 - 2 % | H316 | |
| 18479-58-8 2,6-dimethyloct-7-en-2-ol | 242-362-4 | 1 - 2 % | H303; H316; H317; H400; H411 | Xi - R38 |

| | | | | |
|---|-----------|-------------|--|--|
| 101-86-0 Hexyl cinnamaldehyde | 202-983-3 | 5 – 10 | H303; H316; H317; H400; H411 | Xi - R38, R43 |
| 103-60-6 2-Phenoxyethyl isobutyrate | 203-127-1 | 1 - 2 % | H316 | |
| 80-54-6 Butylphenyl Methylpropional | 201-289-8 | 0.1 - 1.0 % | H227; H302; H315; H317; H361; H401; H411 | N - R51/53; Xi - R38, R43; Xn - R22, R62, Repr Cat 3 |
| 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 | N - R50/53; Xi - R38, R43; Xn - R22 |

See Section 16 for full text of GHS classification codes.

Total Hydrocarbon Content (% w/w) = 52.50

4. FIRST AID MEASURES

Eye contact

Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

Skin contact

Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.

Inhalation

Remove from exposure site to fresh air and keep at rest. Obtain medical advice.

Ingestion

Rinse mouth with water and obtain medical advice.

Most important symptoms and effects, both acute and delayed

No data available.

Refer to Section 2.2 "Hazard Statements".

Indication of any immediate medical attention and special treatment needed

Refer to Section 2.2 "Response".

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Carbon dioxide (CO₂), Dry chemical, Foam.

Unsuitable Extinguishing Media:

Do not use a direct water jet on burning material.

Special hazards arising from the substance or mixture

Water may be ineffective.

Advice for firefighters

Standard procedure for chemical fires.

6. ACCIDENTAL RELEASE MEASURES

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.

Environmental precautions

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

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.

7. HANDLING AND STORAGE

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.

Conditions for safe storage

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.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters

Exposure limits

Contains no substances with occupational exposure limit values

Engineering Controls

Use local exhaust as needed.

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.

Skin protection

Avoid skin contact. Use chemically resistant gloves as needed.

Respiratory protection

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

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------------|------------------------------|
| Appearance | : Conforms to standard. |
| Odour | : Conforms to standard. |
| Colour | : Colourless to Yellow Tint. |
| 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. |
| Vapour Pressure (mmHg@20 C) | : 0.1024 |
| %VOC | : 55 |
| Specific Gravity @ 25 C | : 0.9365 |
| Density @ 25 C | : 0.9335 |
| Refractive Index @ 20 C | : 1.5015 |
| Soluble in | : Oil. |

10. STABILITY AND REACTIVITY

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid

None known.

Hazardous decomposition products

None known.

Incompatible materials

Strong oxidizing agents, strong acids, and alkalis.

11. TOXICOLOGICAL INFORMATION

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

Acute toxicity - Oral - mg/kg

(LD50: Undetermined) Not classified - the classification criteria are not met

| | |
|--|---|
| Acute toxicity - Dermal - mg/kg | (LD50: Undetermined) Not classified - the classification criteria are not met |
| Acute toxicity - Inhalation - mg/L/4hr | (LC50: Undetermined) Not classified - the classification criteria are not met |
| 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

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.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Other adverse effects

No data available.

13. DISPOSAL CONSIDERATION

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

| | Class | Pack Group | Sub Risk | UN-nr. |
|---|--------------------------------------|------------|------------------|--------|
| U.S. DOT (Non-Bulk) | Not Regulated - Not Dangerous Goods. | | | |
| Chemicals NOI | | | | |
| ADR/RID (International Road/Rail) | 9 | III | | UN3082 |
| Environmentally Hazardous Substance, Liquid, n.o.s. | | | | |
| IATA (Air Cargo) | 3 | III | Flammable Liquid | UN1266 |
| Environmentally Hazardous Substance, Liquid, n.o.s. | 9 | III | | UN3082 |
| IMDG (Sea) | | | | |
| Perfumery Products | 3 | III | Flammable Liquid | UN1266 |
| Environmentally Hazardous Substance, Liquid, n.o.s. | 9 | III | | UN3082 |

15. REGULATORY INFORMATION

European Union (EINECS, ELINCS or NLP)

98.41% (by Wt) of the components are listed or exempt.

Australian AICS

100.00% (by Wt) of the ingredients on AICS or notified

Chinese IECS

100.00% (by Wt) of the ingredients on IECS.

Japan ENCS

98.40% (by Wt) of the ingredients on ENCS, fall within the 1000 kilogram per annum exemption or have been notified.

Korea KECL

99.97% (by Wt) of the ingredients on KECL, fall within the 100 kilogram per annum exemption or have been notified.

New Zealand NZIoC

46.90% (by Wt) of the ingredients on NZIoC.

Philippines PICCS

100.00% (by Wt) of the ingredients on PICCS.

The Status of the following ingredient(s) is NOT known for the registration lists noted

Lists noted within <> brackets after name

6485-40-1 229-352-5 0.01 - 0.1% -Carvone : < KECL>

68398-18-5 269-970-2 0.01 - 0.1% 4,7,7-Trimethyl-6-thiabicyclo[3.2.1]octane : < ENCS, KECL>

68917-32-8 289-904-6 50 - 60 % Grapefruit oil terpenes : < NZIoC>

16. OTHER INFORMATION

GHS H-Statements referred to under section 3

Total Fractional Values

(TFV) Risk

(5.42) Aspiration Hazard, Category 1

(1.20) Sensitization, Skin, Category 1A

(TFV) Risk

(5.59) Skin Corrosion/Irritation, Category 2

(2.19) Aquatic Chronic Toxicity, Category 1

DISCLAIMER AND CAUTION

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