

## MATERIAL SAFETY DATA SHEET (MSDS/SDS)

### SECTION 1: Identification

|                   |                                                                |
|-------------------|----------------------------------------------------------------|
| Product Name      | Yuzu Essential Oil                                             |
| Botanical Name    | Citrus junos Siebold ex Tanaka                                 |
| Plant Part        | Fruit peel                                                     |
| Extraction Method | Cold pressed                                                   |
| CAS Number        | 233683-84                                                      |
| Supplier          | Botanic Planet Canada Inc.                                     |
| Address           | 2 Bram Court, Unit #3, Brampton, Ontario, L6W 3R6, Canada      |
| Website           | <a href="http://www.botanicplanet.ca">www.botanicplanet.ca</a> |
| Recommended Uses  | Cosmetics, perfumery and fragrance formulations                |
| Restrictions      | Not intended for ingestion                                     |

### SECTION 2: Hazard Identification

#### Provisional hazards requiring confirmation under WHMIS 2015 / GHS:

- Flammable liquid and vapour.
- May cause skin irritation.
- May cause an allergic skin reaction.
- May cause serious eye irritation.
- May be harmful if swallowed and enters airways.
- May be toxic to aquatic organisms with long-lasting effects.

#### Precautionary Measures:

- Keep away from heat, sparks, flames and ignition sources.
- Avoid direct contact with skin and eyes.
- Wear suitable protective gloves and eye protection.
- Avoid breathing concentrated vapours.
- Prevent release into waterways.

GHS classification, pictograms, signal word and H-statements: Pending verification of the actual composition, flash point and applicable classification thresholds.

### SECTION 3: Composition / Information on Ingredients

**Product:** Yuzu Essential Oil complex mixture of naturally occurring aromatic compounds.

| Chemical Constituent              | CAS Number | Concentration |
|-----------------------------------|------------|---------------|
| Linalool                          | 78-70-6    | 79.26%        |
| D-Limonene                        | 5989-27-5  | 1.89%         |
| Alpha-Pinene                      | 80-56-8    | 1.44%         |
| $\alpha$ -Phellandrene            | 99-83-2    | 0.48%         |
| Other constituents (unidentified) | —          | 16.93%        |

Important: The reported Linalool and D-Limonene results conflict with their stated specifications. This composition must be confirmed before use for hazard classification or regulatory declarations.

### SECTION 4: First Aid Measures

**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses if easy to do. Seek medical attention if irritation persists.

**Skin Contact:** Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation or an allergic reaction occurs.

**Inhalation:** Move the affected person to fresh air. Obtain medical attention if symptoms develop or persist.

**Ingestion:** Rinse mouth. Do not induce vomiting. Immediately contact a poison centre or physician because of potential aspiration hazards.

### SECTION 5: Fire-Fighting Measures

| Property                             | Information                                                              |
|--------------------------------------|--------------------------------------------------------------------------|
| <b>Suitable Extinguishing Media</b>  | Dry chemical, carbon dioxide, foam, water fog                            |
| <b>Unsuitable Media</b>              | Direct high-pressure water jet                                           |
| <b>Fire Hazards</b>                  | Combustible vapours may form flammable mixtures with air                 |
| <b>Hazardous Combustion Products</b> | Carbon monoxide, carbon dioxide and irritating fumes                     |
| <b>Protective Equipment</b>          | Self-contained breathing apparatus and appropriate firefighting clothing |

Cool exposed containers with water spray when safe.

## SECTION 6: Accidental Release Measures

- Eliminate ignition sources.
- Ensure adequate ventilation.
- Wear appropriate protective equipment.
- Prevent spills from entering drains or waterways.
- Absorb with sand, vermiculite or other inert absorbent.
- Collect in suitable, sealed containers for disposal.
- Dispose of according to local environmental regulations.

## SECTION 7: Handling and Storage

### Handling:

Avoid contact with eyes, skin and clothing. Use in well-ventilated areas. Do not use near open flames or sources of ignition.

### Storage:

Store in tightly closed containers in a cool, dry, well-ventilated location, protected from direct sunlight, excessive heat and air exposure.

Incompatible Materials: Strong oxidizing agents.

## SECTION 8: Exposure Controls / Personal Protection

|                              |                                                                                              |
|------------------------------|----------------------------------------------------------------------------------------------|
| Engineering Controls         | Adequate general or local ventilation                                                        |
| Eye Protection               | Chemical safety goggles                                                                      |
| Hand Protection              | Chemical-resistant gloves                                                                    |
| Respiratory Protection       | Appropriate protection where ventilation is inadequate, based on exposure assessment         |
| Skin Protection              | Protective clothing as needed                                                                |
| Occupational Exposure Limits | No mixture-specific limit established; evaluate constituent-specific limits where applicable |
| Wash hands after handling.   |                                                                                              |

## SECTION 9: Physical and Chemical Properties

|                |                             |
|----------------|-----------------------------|
| Property       | Specification / Information |
| Physical State | Liquid                      |
| Appearance     | Clear                       |
| Colour         | Colourless to pale yellow   |

|                           |                                                 |
|---------------------------|-------------------------------------------------|
| Odour                     | Characteristic fresh citrus aroma               |
| Refractive Index @ 20°C   | 1.4712                                          |
| Specific Gravity @ 20°C   | 0.8210                                          |
| Flash Point               | Not determined                                  |
| Boiling Point             | Not determined                                  |
| Vapour Pressure           | Not available                                   |
| Water Solubility          | Expected to be practically insoluble            |
| Solubility in Alcohol     | Dependent on concentration and alcohol strength |
| Auto-Ignition Temperature | Not determined                                  |
| Viscosity                 | Not determined                                  |
| pH                        | Not applicable to neat oil                      |

#### SECTION 10: Stability and Reactivity

**Chemical Stability:** Expected to be stable under recommended storage conditions.

**Reactivity:** May undergo oxidation upon prolonged exposure to air and light.

**Hazardous Reactions:** No hazardous polymerization expected under normal conditions.

**Conditions to Avoid:** Heat, sparks, flames, direct sunlight and prolonged air exposure.

**Incompatible Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide and irritating organic fumes during combustion.

#### SECTION 11: Toxicological Information

| Endpoint                  | Information                  |
|---------------------------|------------------------------|
| Acute Oral Toxicity       | Mixture data unavailable     |
| Acute Dermal Toxicity     | Mixture data unavailable     |
| Skin Irritation           | Potential irritant           |
| Eye Irritation            | Potential irritant           |
| Skin Sensitization        | May cause allergic reactions |
| Respiratory Sensitization | Data unavailable             |
| Mutagenicity              | Mixture data unavailable     |
| Carcinogenicity           | Mixture data unavailable     |
| Reproductive Toxicity     | Mixture data unavailable     |

Aspiration Hazard                      Potential concern for terpene-containing oils  
Oxidized fragrance constituents may increase skin-sensitization potential.

## SECTION 12: Ecological Information

**Ecotoxicity:** Some terpene constituents are hazardous to aquatic organisms.

**Persistence and Degradability:** Mixture-specific information unavailable.

**Bioaccumulation Potential:** Some hydrophobic constituents may have bioaccumulation potential.

**Mobility in Soil:** Not determined.

**Environmental Precautions:** Avoid discharge into drains, surface waters and soil.

## SECTION 13: Disposal Considerations

Dispose of contents and contaminated packaging through an approved waste-disposal facility in accordance with federal, provincial and local regulations.

Do not pour into drains, waterways or soil.

## SECTION 14: Transport Information

| Transport Parameter | Status |
|---------------------|--------|
|---------------------|--------|

|           |                  |
|-----------|------------------|
| UN Number | To be determined |
|-----------|------------------|

|                      |                  |
|----------------------|------------------|
| Proper Shipping Name | To be determined |
|----------------------|------------------|

|                        |                  |
|------------------------|------------------|
| Transport Hazard Class | To be determined |
|------------------------|------------------|

|               |                  |
|---------------|------------------|
| Packing Group | To be determined |
|---------------|------------------|

|                  |                |
|------------------|----------------|
| Marine Pollutant | To be assessed |
|------------------|----------------|

|                   |                        |
|-------------------|------------------------|
| TDG / IMDG / IATA | Classification pending |
|-------------------|------------------------|

The flash point and mixture hazard classification must be confirmed before assigning transport classifications.

## SECTION 15: Regulatory Information

Canada: Classification and labelling must be assessed under the applicable Hazardous Products Regulations and WHMIS requirements.

United States: OSHA Hazard Communication Standard classification requires confirmation.

European Union: Classification under Regulation (EC) No. 1272/2008 (CLP) requires evaluation of the verified mixture composition.

Cosmetic Regulations: Fragrance allergens and permitted usage levels should be evaluated for the intended finished product and applicable jurisdiction.

## SECTION 16: Other Information

Document Title: Safety Data Sheet Yuzu Essential Oil Prepared For: Botanic Planet Canada Inc.

Preparation Date: October 14, 2026



This product is a 100% pure and natural. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge and specifications. The analysis and statements herein constitute the most complete information available to Botanic Planet Canada Inc. Please refer to all relevant technical information specific to the product, prior to use. This information contained in this material safety Data sheet is obtained from current and reliable sources. As an ordinary or otherwise user(s) of this product is outside the control of Botanic Planet Canada Inc., no representation or warranty, expressed or implied is made as to the effect(s) of such use (s) (including damages or injury) or any obtained. Botanic Planet Canada Inc. expressly disclaims responsibility as to the ordinary or otherwise uses. Furthermore, Botanic Planet Canada Inc. makes no claims as to the fitness for any use, and you should consider nothing container herein as a recommendation. The Liability of botanic Planet Canada Inc. is limited to the value of the goods and does not include any consequential loss. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario Canada.

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