

Issuing Date

8/30/2023

## SAFETY DATA SHEET

## 1. IDENTIFICATION

## Product Identifier

Product name YUZU OIL DISTILLED R155

## Supplier name

Supplier name Ogawa &amp; Co., Ltd.

## Address

Address 4-1-11 Nihonbashi Honcho Chuo-ku Tokyo, Japan

## Division

Division Ogawa &amp; Co., Ltd.

## Telephone number

Telephone number 81-3-3270-1580

## Fax number

Fax number 81-3-3246-1785

## Emergency Phone Number

Emergency Phone Number 81-3-3270-1580

## 2. HAZARDS IDENTIFICATION

## GHS CLASSIFICATION

Physical and chemical hazards

Flammable liquids Category 3

Health hazards

Skin corrosion/irritation Category 2

Sensitization – skin Category 1

Reproductive toxicity Category 2

Environmental Hazards

Hazardous to the aquatic environment (acute hazard)  
Category 1Hazardous to the aquatic environment (long-term  
hazard) Category 2

## GHS LABEL ELEMENTS

Pictograms or Symbols



Signal Word

Warning

Hazard Statements

H226 Flammable liquid and vapour

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H361 Suspected of damaging fertility or the unborn  
child (state specific effect if known)

H400 Very toxic to aquatic life

H411 Toxic to aquatic life with long lasting effects

Precautionary Statements

|            |  |
|------------|--|
| Prevention | <p>Obtain special instructions before use(P201)</p> <p>Keep away from heat, sparks, open flames and hot surfaces. No smoking.(P210)</p> <p>Ground/bond container and receiving equipment(P240)</p> <p>Use explosion-proof electrical/ ventilating/ lighting/ equipment(P241)</p> <p>Avoid breathing mist, vapours and spray.(P261)</p> <p>Wear protective gloves, eye protection and face protection.(P280)</p> <p>Wear protective gloves.(P280)</p> |
| Response   | <p>Specific treatment.(P321)</p> <p>In case of fire: Use dry chemicals, CO2, fog, alcohol-resistant foam or sand for extinction(P370+P378)</p>   |
| Disposal   | <p>Collect spillage(P391)</p> <p>Disposal should be in accordance with applicable regulations and standards by the respective local governments.(P501)</p>   |

3. COMPOSITION / INFORMATION ON INGREDIENTS

|                        |          |
|------------------------|----------|
| Substances or mixtures | Mixtures |
|------------------------|----------|

4. FIRST-AID MEASURES

|                         |  |
|-------------------------|--|
| In case of inhalation   | <p>Remove person to fresh air and keep comfortable for breathing.</p> <p>Get medical advice and attention if you feel unwell.</p>                                    |
| In case of skin contact | <p>Wash with plenty of soap and water.</p> <p>If skin irritation occurs: Get medical advice and attention.</p>   |
| In case of eye contact  | <p>Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>Get medical advice and attention.</p> |
| In case of ingestion    | <p>Immediately call a doctor.</p> <p>Rinse mouth. Do NOT induce vomiting.</p>  |

## 5. FIRE-FIGHTING MEASURES

|                              |   |
|------------------------------|---|
| Suitable extinguishing media | Dry chemicals, CO <sub>2</sub> , fog, alcohol-resistant foam or sand. |
|------------------------------|---|

## 6. ACCIDENTAL RELEASE MEASURES

|   |   |
|---|---|
| Personal precautions, protective equipment and emergency procedures | Wear appropriate personal protective equipment (Refer to "Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION") and avoid inhalation or contact with eyes and skin. |
|---|---|

|                           |   |
|---------------------------|---|
| Environmental precautions | Pay attention not to cause the influence on the environment by discharging into rivers. |
|---------------------------|---|

|   |   |
|---|---|
| Methods and materials for containment and cleaning up | Small spills; absorb or cover with dry earth, sand or other non-combustible material and transfer to containers for later disposal. |
|---|---|

Large spills; prevent flowing out with a dike and collect it at a safe place.

## 7. HANDLING AND STORAGE

### Handling

|                    |   |
|--------------------|---|
| Technical measures | Provide ventilation system and use necessary personal protective equipment as described in "Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION". |
|--------------------|---|

|                      |   |
|----------------------|---|
| Safe handling advice | Prohibit use of heat, sparks, and fire in the surrounding area. |
|----------------------|---|

Be Careful with Fire.

Avoid contact with eyes and skin.

Wash hand thoroughly after handling.

Do not breathe mist, vapours and spray.

|                  |                                      |
|------------------|--------------------------------------|
| Hygiene measures | Wash hand thoroughly after handling. |
|------------------|--------------------------------------|

Contaminated work clothing should not be allowed out of the workplace.

### Storage

|                             |  |
|-----------------------------|--|
| Suitable storage conditions | Store in accordance with local, regional and national regulations. |
|-----------------------------|--|

Keep away from heat, sparks, open flames and hot surfaces. No smoking.

Store in a cool place and protect from sunlight.

Store in a well-ventilated place keeping container tightly closed.

Safe packing materials

Use the containers prescribed in the "UN Transport Regulations".

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures

Take precautionary measures against static discharge.

Use process enclosures, local exhaust ventilation, or other engineering controls.

Personal protective equipment

Respiratory protection

Use personal respiratory equipment as required.

Hand protection

Wear protective gloves.

Eye protection

Wear face protection.

Wear eye protection.

Skin and body protection

Wear suitable protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State

Liquid

Color

Colorless to pale yellow

Odor

Characteristic aroma

Odor threshold

No data available

pH

No data available

Melting point

No data available

Boiling point

No data available

Flash point

50.5°C (Tag Closed Cup)

Evaporation rate

No data available

Flammability(Solid,Gas)

No data available

Flammability or explosive limits

No data available

Vapor pressure

No data available

Vapor density

No data available

Relative density

0.847

Solubility(ies)

Insoluble in water

Partition coefficient: n-octanol/water

No data available

Auto-ignition temperature

No data available

Decomposition temperature

No data available

Viscosity

No data available

## 10. STABILITY AND REACTIVITY

|                                    |   |
|------------------------------------|---|
| Reactivity                         | No information available                    |
| Chemical stability                 | Stable under recommended storage conditions |
| Possibility of hazardous reactions | No information available                    |
| Conditions to avoid                | No information available                    |
| Incompatible materials             | No information available                    |
| Hazardous decomposition products   | No information available                    |

## 11. TOXICOLOGICAL INFORMATION

|  |  |
|--|--|
| Acute toxicity (Oral)                              | Unable to classify due to insufficient data.   |
| Acute toxicity (Dermal)                            | Unable to classify due to insufficient data.   |
| Acute toxicity (Inhalation : Gases)                | Does not fall under Gas based on GHS definitions.  |
| Acute toxicity (Inhalation : Vapours)              | <b>【mg/L】</b><br>Unable to classify due to insufficient data.<br><b>【PPM】</b><br>Unable to classify due to insufficient data.  |
| Acute toxicity (Inhalation : Dusts and Mists)      | Unable to classify due to insufficient data.   |
| Skin corrosion/ Irritation                         | Judgment based on ingredients for which the additivity approach can be applied:<br>Sum of Category 2 Substances = 99.999%.<br>Concentration limit = 10%. Classification result = Category 2. |
| Serious eye damage/ irritation                     | Substance of unknown toxicity = 97.737%. Changed from "Not classified" to "Classification not possible".   |
| Respiratory Sensitization                          | Unable to classify due to insufficient data.   |
| Skin Sensitization                                 | CAS number: 233683-84-6 >= Concentration limit (1%). Classification result = Category 1.   |
| Germ cell mutagenicity                             | Unable to classify due to insufficient data.   |
| Carcinogenicity                                    | Unable to classify due to insufficient data.   |
| Reproductive toxicity                              | CAS number: 233683-84-6 >= Concentration limit (3%). Classification result = Category 2.   |
| Specific target organ Toxicity – Single Exposure   | Unable to classify due to insufficient data.   |
| Specific target organ toxicity – Repeated Exposure | Unable to classify due to insufficient data.   |
| Aspiration hazard                                  | Kinematic viscosity = Unknown. Classification result = Classification not possible.  |

## 12. ECOLOGICAL INFORMATION

|   |  |
|---|--|
| Hazardous to the Aquatic Environment – Acute Toxicity   | Method 1 = No data, Method 2 = No data, Method 3 = Category 1. Classification result = Category 1. |
| Hazardous to the Aquatic Environment – Chronic Toxicity | Method 1 = No data, Method 2 = No data, Method 3 = Category 2. Classification result = Category 2. |
| Hazardous to the Ozone layer                            | Unable to classify due to insufficient data.   |

## 13. DISPOSAL CONSIDERATIONS

|                                      |  |
|--------------------------------------|--|
| Residual Waste                       | Disposal should be in accordance with applicable regulations and standards by the respective local governments.                                  |
| Contaminated Container and Packaging | Recycle containers after cleansing, or carry out the disposal under the related laws and regulations and the standards of the local governments. |

## 14. TRANSPORT INFORMATION

International regulations

## IMDG

|                            |  |
|----------------------------|--|
| UN number                  | 1197                                   |
| UN proper shipping name    | EXTRACTS, LIQUID, for flavour or aroma |
| Transport hazard class(es) | 3                                      |
| Packing group              | III                                    |
| Marine pollutant           | Applicable                             |

## IATA

|                            |  |
|----------------------------|--|
| UN number                  | 1197                                   |
| UN proper shipping name    | EXTRACTS, LIQUID, for flavour or aroma |
| Transport hazard class(es) | 3                                      |
| Packing group              | III                                    |

## 15. REGULATORY INFORMATION

No main regulation

## 16. OTHER INFORMATION

|                       |  |
|-----------------------|--|
| Literature References | LOLI Database (ChemADVISOR,Inc.)<br>RIFM / FEMA Database<br>IFRA–IOFI Labelling Manual<br>ACGIH – Threshold Limit Values |
| Other data            | Disclaimer   |

The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

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