

Issuing Date 4/25/2023

SAFETY DATA SHEET

1. IDENTIFICATION

Product Identifier

Product name CITRUS OIL CP (IYOKAN) R221

Supplier name

Supplier name Ogawa & Co., Ltd.

Address

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

Division

Ogawa & Co., Ltd.

Telephone number

+81-3-3270-1580

Fax number

+81-3-3246-1785

Emergency Phone Number

+81-3-3270-1580

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION

Physical and chemical hazards Flammable liquids Category 3

GHS LABEL ELEMENTS

Pictograms or Symbols



Signal Word

Warning

Hazard Statements

H226 Flammable liquid and vapour

Precautionary Statements

Prevention

Keep away from heat, sparks, open flames and hot surfaces. No smoking.(P210)

Ground/bond container and receiving equipment(P240)

Use explosion-proof electrical/ ventilating/ lighting/ equipment(P241)

Wear protective gloves, eye protection and face protection.(P280)

| | |
|----------|---|
| Response | In case of fire: Use dry chemicals, CO2, fog, alcohol-resistant foam or sand for extinction(P370+P378) |
| Disposal | Disposal should be in accordance with applicable regulations and standards by the respective local governments.(P501) |

3. COMPOSITION / INFORMATION ON INGREDIENTS

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

4. FIRST-AID MEASURES

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

5. FIRE-FIGHTING MEASURES

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| Suitable extinguishing media | Dry chemicals, CO2, fog, alcohol-resistant foam or sand. |
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6. ACCIDENTAL RELEASE MEASURES

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| 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.

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

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| Respiratory protection | Use personal respiratory equipment as required. |
| Hand protection | Wear protective gloves. |
| Eye protection | Wear eye protection. |
| Skin and body protection | Wear suitable protective clothing. |

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

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|--|----------------------------|
| Physical State | Liquid |
| Color | Pale yellow to dark orange |
| Odor | Characteristic aroma |
| Odor threshold | No data available |
| pH | No data available |
| Melting point | No data available |
| Boiling point | No data available |
| Flash point | 51.5°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 | 0.848 |
| 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 |

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|----------------------------------|--------------------------|
| Hazardous decomposition products | No information available |
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11. TOXICOLOGICAL INFORMATION

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| Acute toxicity (Oral) | Unable to classify due to insufficient data. |
|-----------------------|--|

| | |
|-------------------------|--|
| Acute toxicity (Dermal) | Unable to classify due to insufficient data. |
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|-------------------------------------|---|
| Acute toxicity (Inhalation : Gases) | Does not fall under Gas based on GHS definitions. |
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| | |
|---------------------------------------|--|
| Acute toxicity (Inhalation : Vapours) | 【m g / L】 Unable to classify due to insufficient data. 【P P M】 Unable to classify due to insufficient data. |
|---------------------------------------|--|

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|---|--|
| Acute toxicity (Inhalation : Dusts and Mists) | Unable to classify due to insufficient data. |
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|----------------------------|--|
| Skin corrosion/ Irritation | Unable to classify due to insufficient data. |
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| | |
|--------------------------------|--|
| Serious eye damage/ irritation | Unable to classify due to insufficient data. |
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|---------------------------|--|
| Respiratory Sensitization | Unable to classify due to insufficient data. |
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| | |
|--------------------|--|
| Skin Sensitization | Unable to classify due to insufficient data. |
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|------------------------|--|
| Germ cell mutagenicity | Unable to classify due to insufficient data. |
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|-----------------|--|
| Carcinogenicity | Unable to classify due to insufficient data. |
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|-----------------------|--|
| Reproductive toxicity | Unable to classify due to insufficient data. |
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|--|--|
| Specific target organ Toxicity - Single Exposure | Unable to classify due to insufficient data. |
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|--|--|
| Specific target organ toxicity - Repeated Exposure | Unable to classify due to insufficient data. |
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|-------------------|--|
| Aspiration hazard | Unable to classify due to insufficient data. |
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12. ECOLOGICAL INFORMATION

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| Hazardous to the Aquatic Environment - Acute Toxicity | Unable to classify due to insufficient data. |
| Hazardous to the Aquatic Environment - Chronic Toxicity | Unable to classify due to insufficient data. |
| Hazardous to the Ozone layer | Unable to classify due to insufficient data. |

13. DISPOSAL CONSIDERATIONS

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|--------------------------------------|--|
| 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 | 1169 |
| UN proper shipping name | EXTRACTS, AROMATIC, LIQUID |
| Transport hazard class(es) | 3 |
| Packing group | III |

IATA

| | |
|----------------------------|----------------------------|
| UN number | 1169 |
| UN proper shipping name | EXTRACTS, AROMATIC, LIQUID |
| Transport hazard class(es) | 3 |
| Packing group | III |

15. REGULATORY INFORMATION

No main regulation

16. OTHER INFORMATION

| | |
|-----------------------|--|
| Literature References | LOLI Database (ChemADVISOR,Inc.) RIFM / FEMA Database IFRA-IOFI Labelling Manual 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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