

Issuing Date 4/25/2023

## SAFETY DATA SHEET

## 1. IDENTIFICATION

## Product Identifier

Product name KABOSU OIL DISTILLED R149

## Supplier name

Supplier name Ogawa &amp; Co., Ltd.

## Address

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

## Division

Ogawa &amp; 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

Health hazards

Skin corrosion/irritation Category 2

Serious eye damage/eye irritation Category 2A

Environmental Hazards

Hazardous to the aquatic environment (acute hazard)  
Category 2Hazardous to the aquatic environment (long-term  
hazard) Category 3

## GHS LABEL ELEMENTS

Pictograms or Symbols



Signal Word

Warning

Hazard Statements

H226 Flammable liquid and vapour

H315 Causes skin irritation

H319 Causes serious eye irritation

H401 Toxic to aquatic life

H412 Harmful to aquatic life with long lasting effects

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)
	Wear protective gloves.(P280)
Response	Specific treatment.(P321)
	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

Substances or mixtures	Mixtures
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### 4. FIRST-AID MEASURES

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

Suitable extinguishing media	Dry chemicals, CO2, fog, alcohol-resistant foam or sand.
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### 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	<p>Small spills; absorb or cover with dry earth, sand or other non-combustible material and transfer to containers for later disposal.</p> <p>Large spills; prevent flowing out with a dike and collect it at a safe place.</p>

## 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".
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Safe handling advice	Prohibit use of heat, sparks, and fire in the surrounding area.
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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.
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### Storage

Suitable storage conditions	Store in accordance with local, regional and national regulations.
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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".
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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures	Take precautionary measures against static discharge.
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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 eye protection.

Wear face 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	48.5°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	0.835
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> Unable to classify due to insufficient data. <b>【PPM】</b> 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: Sum of Category 2 Substances = 17.541%. Concentration limit = 10%. Classification result = Category 2.
Serious eye damage/ irritation	Judgment based on ingredients for which the additivity approach can be applied: Sum of Eye category 2A Substances = 17.541%. Concentration limit = 10%. Classification result = Category 2A.
Respiratory Sensitization	Unable to classify due to insufficient data.
Skin Sensitization	Unable to classify due to insufficient data.
Germ cell mutagenicity	Unable to classify due to insufficient data.
Carcinogenicity	Unable to classify due to insufficient data.
Reproductive toxicity	Unable to classify due to insufficient data.
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	Substance of unknown toxicity = 82.458%. Changed from “Not classified” to “Classification not possible”.

## 12. ECOLOGICAL INFORMATION

Hazardous to the Aquatic Environment – Acute Toxicity	Method 1 = No data, Method 2 = No data, Method 3 = Category 2. Classification result = Category 2.
Hazardous to the Aquatic Environment – Chronic Toxicity	Method 1 = No data, Method 2 = No data, Method 3 = Category 3. Classification result = Category 3.
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

**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.)  
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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