



【MATERIAL SAFETY DATA SHEET】

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

- Product name: Kusunoki(camphor) Essential Oil
- Botanical name: *Cinnamomum camphora*
- INCI name: Cinnamomum Camphora (Camphor) Wood Oil

• SUPPLIER

Company name: Jyuhachinichi, Ltd. (18th, Ltd.)
Address: VIDEO FOCUS Bld 4F, 2-7-1, Wakaba, Shinjyuku-ku, Tokyo 160-0011, Japan
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SECTION 2: HAZARD IDENTIFICATION

- GHS Classification : Flammable liquids Class 3

GHS Label Elements



- Symbols/Pictograms :

Signal Word : warning

Hazardous information : Flammable liquids and vapors

Toxicological health effects :

Acute toxicity (Oral) Class 5
Skin corrosive / Irritation Class 3
Serious eyes damage / Eyes irritation Class 2B
Specification target internal organs/systemic toxicity (repeat exposure) Class 2 (central nervous system)

Toxicological environment effects :

Aquatic environmental toxicity: acute No classification
Aquatic environmental toxicity: chronic No classification

• SUMMARY OF DANGER OR TOXICITY

Precaution advises

- P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P240 Ground/bond container and receiving equipment.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302/352 IF INHALED: Wash with plenty of soap and water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P331 Do NOT induce vomiting.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.



P370 + P378 In case of fire: Use ... for extinction.
P391 Collect spillage. Hazardous to the aquatic environment
P403 + P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container Dispose of contents/container according to regulation in force

• OTHER DANGER INFORMATION

Inflammable liquid properties
Harmful if swallowed (oral) Skin irritation
Eye irritation
May cause central nervous system damage.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

• DEFINITION

Single product, mixture classification: Single product 100% pure essential oil
Natural oil steam distilled from the wood of camphor tree (organic compound)
Chemical Name: Camphor Oil

(Formosa camphor oil; Light camphor oil; Japanese camphor oil; white camphor oil; camphor oil; Camphor oil; Camphor oil; Camphor tree oil)

Composition and content

| | |
|-----------------|--------|
| Alpha-pinene | 5.02% |
| Myrcene | 3.16% |
| Limonene | 8.17% |
| 1.8-cineole | 11.26% |
| Terpinen-4-ol | 2.53% |
| alpha-terpineol | 2.72% |
| Safrole | 4.59% |
| Other | 14.53% |

※Because it is a natural essential oil, there are variations in its composition.

CAS NO.: 8008-51-3

SECTION 4: FIRST-AID MEASURES

Eye contact: Rinse immediately with clean water for at least 15 minutes. Seek medical attention if necessary.

Skin Contact: Rinse immediately with clean water for at least 15 minutes. Seek medical attention if necessary.

Inhalation: Immediately move to fresh air and rest. Seek medical attention if necessary.

Ingestion: Rinse mouth out well with clear water and rest. Seek medical attention if necessary.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing material: Foam or carbon dioxide gas type extinguishers. Caution in case of fire: May emit toxic gas.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid exposure. Wear appropriate protective equipment to prevent inhalation or skin contact with vapor.



Environmental precautions: To prevent the oil to flow into public water area or to permeate into the ground, do not wash away spilled oil on the floor with water.
Methods for cleaning up: Wear appropriate protective equipment such as rubber gloves.
Wipe off with a duster and discharge to a drainage.

SECTION 7: HANDLING AND STORAGE

Technical measures: Wear protective goggles and protective gloves if necessary to avoid inhalation or eye contact.

Safety measurement: Provide local ventilation system. Carry out the sealing of facilities or general ventilation.

Precautions for handling: Wear appropriate protective equipments to avoid inhalation and contact with skin.

Storage: Keep in a cool and dark space. Avoid direct sunlight. Keep away from any source of ignition.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Handle the product in a place with ventilation system. Keep away from beverages and foods. Wear protective clothing, safety glasses and rubber gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear to pale yellow liquid

Odor: Characteristic

Refraction index: 1.460~1.480 (20°C)

Relative density(20°C): 0.920~0.950 (20°C)

Boiling point: N/A

Flash point: 51°C

Explosive limit: N/A

Vapor pressure: N/A

Ethanol solubility: Soluble

Partition coefficient/Distribution coefficient: N/A

Vapor density: N/A

SECTION 10: STABILITY, REACTIVITY

Stability: Stable under normal conditions. Chemical reactions can be triggered through heat or light.

Possibility of hazardous reactions and adverse reactions: Not expected under normal handling conditions.

Conditions to avoid: High temperature, high humidity or ultraviolet radiation. Decomposability: Decomposition will not occur under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute oral toxicity (LD50)Rat : 5100mg/kg

Acute skin toxicity (LD50)Rab: : 5000mg/kg

Skin corrosivity and skin irritation: No data available, but direct contact with skin may cause redness and itching. May cause redness or itching. (Class 3)

Serious eyes damage /Eyes irritation: Strongly irritating if it gets into eyes. (Class 2B)

Respiratory sensitization: N/A

Skin sensitization: N/A

Original generative cell variation : N/A

Carcinogenicity : N/A

Reproduction toxicity : N/A

Specification target internal organs/Whole toxicity (single revelation) : N/A



Specification target internal organs/Whole toxicity (repeat revelation) :
Although no data is available, repeated or prolonged exposure may cause discomfort or headache. (Class 2)
Absorption respiratory organs toxicity : N/A
IFRA guideline: N/A

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: N/A
Biodegradability: N/A
Accumulativity: N/A
Other information: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

Waste from residues: Dispose in accordance with applicable laws and regulations of local and national governments. If local governments or disposal contractors approved by prefectural governors undertake waste disposal processing, consign the waste to them.
Containers: Containers should be recycled or disposed in the same way described above after its contents are thoroughly washed.

SECTION 14: TRANSPORT INFORMATION

Transport in accordance with international laws and regulations related to dangerous goods.

International Standards

Marine transportation information : Follow the IMO regulations
Aviation transportation information : Follow the IATA regulations

UN number: 1130
Proper shipping name: CAMPHOR OIL
UN classification: Class 3 (Flammable liquid)
Packing group: III
Marine pollutant: N/A

Domestic Standards

Land transport: Subject to the provisions of the Fire Services Act
Air transport: Subject to the Civil Aeronautics Law
Marine transport: Subject to the Ship Safety Act

SECTION 15: JAPANESE REGULATORY INFORMATION

Order for Enforcement of Industrial Safety and Health Act official gazette serial number:
Kusunoki (Cinnamomum camphora) essential oil
Industrial Safety and Health Law number: 17919
Fire Services Act: Category IV, Class II petroleum (water - insoluble) Air Pollution Control Law: Not allocated
Marine Pollution Prevention Law: Not allocated Civil Aeronautics Law: Not allocated
Ship Safety Act: Flammable liquids: high flash point flammable liquid

SECTION 16: OTHER INFORMATION

The information presented herein has been compiled from sources considered by our company in good faith to be dependable and is accurate and reliable the best of our knowledge and belief. However, our company cannot make any warranty or representation respecting the accuracy or completeness of the data, such as values of contents and physicochemical substances, and no responsibility for any liability or damages

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