

Kyowa Mokuzai Co., LTD

Material Safety Data Sheet

Rev. 1

1. Identification of the substance/preparation and of the company

Date of issue: 28, June, 2022

Product Name : Hinoki Wood Oil

Manufacturer: Kyowa Mokuzai Co., LTD

Address: 10、AzaTsurumakida,Ohaza Nishikawauchi, Hanawa-machi,Shirakawa-gun,
Fukushima prefecture, 963-5407,Japan

2. Composition/Information on ingredient

Chemical identity: Hinoki Wood Oil

Molecular formula: N/a

FEMA No : N/a

CAS No : 91745-97-0

EC No : N/a

EC-Index-No : N/a

Ingredient : δ -Cadinene, Oxygenated sesquiterpenes, α -Pinene etc.

3. Hazards identification

No irritant or sensitivity are not determined.

4. First aid measures

After inhalation: Provide with fresh air

After skin contact: Take off the all contaminated clothing, wash with plenty of water

After eye contact: Rinse thoroughly with plenty of water and seek medical advice

After swallowing: Immediately drink plenty of water, seek medical advice and show this container or label

5. Fire Fighting measures

Suitable extinguishing media: Carbon Dioxide (CO₂), foam, powder

Special protective equipment for fire fighting:

Don't stay in danger zone without self-contained breathing apparatus

Other information:

Cool container with water spray from a safe distance. Contain escaping vapors with water. Prevent fire fighting water from entering surface water or groundwater. Keep away from sources of ignition.

Special risks: Combustible. Vapors heavier than air. Forms explosive mixtures with air at ambient temperatures. Development of hazardous combustion gases or vapors possible in the event of fire.

6. Accidental release measure**Person-related precautionary measure:**

Don't inhale vapors/aerosols. Ensure supply of fresh air in enclosed rooms.

Environmental-protection measures: Don't allow to enter sewage system.

Procedures for cleaning absorption: Take up with liquid-absorbent material. Forward for disposal. Clean affected area.

7. Handling and storage

Handling: Take precautionary measures against static discharges. Keep away from source of ignition. When using, don't eat or drink.

Storage: Tightly closed, in a well-ventilated place. Keep away from source of ignition-non-smoking.

8. Exposure controls and personal protection

Exposure Limits: Avoid contact with eyes, skin, clothing, and breathing vapor.

Personal protective equipment: Protective clothing should be selected specifically for the working place, depending on concentration chemicals should be ascertained with the respective supplier.

Respiratory protection: required when vapors/aerosols are generated.

Eye protection: Wear suitable gloves.

Industrial hygiene: Change contaminated clothing. Application of skin-protective barrier cream recommended. Wash hands after working with substance.

9. Physical and chemical properties

Appearance: Pale Yellow to brown color liquid

Odor: Characteristic Hinoki odor

Density : 0.9150~0.9380

Specific Gravity : 1.4880~1.5080

Flash Point : 43.5°C

Solubility in water: Insoluble

Organic solvents: Soluble

10. Stability and reactivity

Conditions to be avoided: Heating

Substances to be avoided: Strong oxidizing agents

Hazardous decomposition products: Carbon monoxide carbon dioxide

11. Ecological information

Biologic degradation

Biodegradation: N/A

Ectopic effects

Biological effects: N/A

Fish toxicity: N/A

Bacterial toxicity: N/A

Daphnia toxicity: N/A

Algal toxicity: N/A

12. Disposal consideration

Product: According to official local regulation

Packing: According to official local regulation

13. Transport information

Not subject to transport regulation

14. Regulatory information

Labeling according to EC Directives:

Symbol: No Irritant

R-phrases: Can not cause sensitization by skin contact

S-phrases: Wear suitable protective clothing

EC-No.: N/a

15. Other information

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It doesn't represent a guarantee of the properties of the product.

Issued by : Kyowa Mokuzai Co., LTD

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