

MATERIAL SAFETY DATA SHEET (SDS)

Hiba T/L 3Hold

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Hiba T/L 3Hold
Product code : ahb003
Company name : KISEITEC LLC
Company address : 1209 Mukasoi Hashimoto-shi, Wakayama Japan
Department : Quality Section, Control Division
Phone number : +81-736-32-5075

2. HAZARDS IDENTIFICATION

- 2.1 **GHS classification** *1
Not applicable to GHS classification standard
- 2.2 **GHS Label Elements**
Not applicable to GHS classification standard
- 2.3 **Other hazards**
None

3 COMPOSITION/INFORMATION ON INGREDIENTS

Single substance/mixture : Mixture
Substance : The main components are sesquiterpene hydrocarbons compounds such as thujopsene and oxygenated sesquiterpene compounds such as cedrol
CAS No. : 68917-43-1 (Aomori Hiba Oil)
Hazardous Ingredients : The product contains no notable hazardous substances.

4. FIRST-AID MEASURES

Inhalation

Remove the victim immediately to fresh air, lay the victim on side with head lowered, and make efforts to maintain body temperature.

Skin contact

Wash sufficiently with soap and rinse with clean water. Consult a medical doctor, if necessary.

Eye contact

Immediately wash the eyes under clean running water for at least 15 minutes and immediately consult an ophthalmologist. Remove and wash contact lenses if they do not adhere.

Ingestion

Rinse the mouth and dilute by giving one to two glasses of water or milk to drink. Do not induce vomiting. After receiving first aid, consult a medical doctor for a diagnosis as soon as possible.

5 FIREFIGHTING MEASURES

Suitable extinguishing media

Water spray, sand, powder extinguisher, carbon dioxide, and foam extinguisher must be used.

Specific methods of firefighting

Fight the fire by spraying or scattering the extinguisher onto the source of the fire. Extinguish the fire on the windward side to the extent possible. Quickly remove containers to a safe place if they are movable. Keep unconcerned personnel out of the fire site and surrounding areas.

Protection of firefighters

Protective equipment (gloves, glasses, masks) appropriate for the circumstances must be worn during firefighting measures.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions

Protective equipment (such as rubber gloves) must be worn to avoid contact with the skin, and handle the product in a well-ventilated location.

Environmental precautions

Be cautious not to discharge leaked product to rivers and affect the environment.

Methods for cleaning up

If there is a small amount of spillage, absorb the product with dry sand, earth, sawdust, or waste cloth to collect it in a metal container capable prevent further leakage. Guide it to safety place for disposal.

Prevention of secondary hazards

Immediately remove ignition sources from vicinity, and prepare a fire extinguishing media.

7 HANDLING AND STORAGE

Handling

Technical measures

Caution flammable. Prevent electrical equipment, static electricity, or spark from causing ignition sources.

Precautions

It is desirable that installation of local exhaust device, sealing of facilities or general ventilation are conducted while wearing an appropriate manner.

Precautions for safe handling

Operation must be conducted while wearing an appropriate protective equipment to prevent exposure. Avoid inhalation of vapor and contact of the product with the skin. Wash hands thoroughly after handling.

Storage

Appropriate storage place

Store the product in a sealed container, placed in a dry, cool and dark location with appropriate ventilation.

Container material

Resin containers, such as PE, PP and PET may be used as short-term storage containers. However, light-shielded glass containers are desirable for long-term

storage. Resin containers other than those listed above and metal containers should not be used

8 EXPOSURE CONTROL/PERSONAL PROTECTION

Technical facility controls : Closed device or local exhaust device should be used for handling.

Personal protective equipment

Hand protection : Wear protective gloves.

Eye protection : Wear protective goggle.

Skin and body protection : Protective clothing (long-sleeved work clothing)

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid
Odor	Slight characteristic odor of Aomori hiba
Melting point/freezing point	No. data
Boiling point, initial boiling point	108 to140°C(0.67kPa)
Solubility	Insoluble in water. Soluble in alcohol and organic solvents.
Flash point	112°C (Cleveland open-cup flash point test) (Aomori hiba oil)
Upper/lower flammable or explosive	No. data
Vapor pressure	No. data
PH-Value	Weak acid
Density	0.94~0.98 (20°C)
Refractive Index	1.50~1.51(25°C)

10 STABILITY AND REACTIVITY

Safety:

The product is stable under normal conditions and not subject to self-polymerization

Reactivity:

The product is oxidized slowly in open air

Dangerous decomposition products:

The product does not generate toxic gases from autolysis, etc.,

11 TOXICOLOGICAL INFORMATION

Acute toxicity (Oral) *2	No data
Skin corrosion/skin irritation*3	No data
Serious Eye Damage/Eye Irritation*4	No data
Mutagenicity test*5	No data
Respiratory or skin sensitization	No data
Germ cell mutagenicity	No data
Carcinogenicity	No data
Specific target organ toxicity Single exposure	No data

Specific target organ toxicity repeated	No data
Absorption respiratory organs toxicity	No data

12 ECOLOGICAL INFORMATION

Ecotoxicology	:No data
Persistence/degradability	:No data
Bioaccumulation	:No data
Hazardous to the ozone layer	:No data

13 DISPOSAL CONSIDERATIONS

Dispose of residue, containers and packages as industrial waste.
 Disposal should be in accordance with applicable regional, national and local laws and regulations.
 Consult Waste Management Authority for dispose of contents/container. When order to dispose the remainder to the private or public waste disposer, inform the physic-chemical and health hazards of this substance.

14 TRANSPORT INFORMATION

Domestic regulations

Land transportation : Comply with the Fire Service Act and the Industrial Safety and Health Law.

Sea transportation : Comply with the ship Safety Act.

Air transportation : Comply with the Civil Aeronautics Act.

Internationals restrictions

UN Number : Not applicable

Class :Not applicable

Packing Group : Not applicable

Marine Pollutant :Not applicable

15 REGULATORY INFORMATION

Fire and Disaster Management Act

Inflammable liquids Category IV Class III petroleums (Fire Service Act).
 (Aomori Hiba Oil)

Poisonous and Deleterious Substances Control Law

Not applicable

Industrial Safety and Health Law

Not applicable

Substances (PRTR Law)

Not applicable

Regulatory information with regard to this preparation in your country or region should be examined by your own responsibility.

16 OTHER INFORMATION

Additional information: Product Safety Information Office/Phone number: +81-736-32-5075

References *1: National Institute of Technology and Evaluations, GHS classification results database

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The information contained herein is based on materials and information that has been obtained so far. The data and assessments described herein are not guaranteed in any sense. The information contained herein is based on normal handling. For handling under special conditions, users should implement their own safety measures appropriate to the new application.