

# MATERIAL SAFETY DATA SHEET (SDS)

## Thujopsene Natural 75

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Thujopsene Natural 75  
Product code : ahb002  
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 of Thujopsene Natural is mainly thujopsene,  
**CAS No.** : 68917-43-1 (Aomori hiba oil), 470-40-6 (Thujopsene)  
**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**

<b>Appearance:</b>	Clear liquid
<b>Odor</b>	Slight characteristic odor of Aomori hiba
<b>Melting point/freezing point</b>	No. data
<b>Boiling point, initial boiling point</b>	55 to 97°C(0.67kPa)
<b>Solubility</b>	Insoluble soluble in water. Soluble in alcohol and organic solvents.
<b>Flash point</b>	112°C(Cleveland open-cup flash point test)(Aomori hiba oil)
<b>Upper/lower flammable or explosive</b>	No. data
<b>Vapor pressure</b>	No. data
<b>PH-Value</b>	Weak acid
<b>Density</b>	0.94~0.98 (20°C)
<b>Refractive Index</b>	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**

<b>Acute toxicity (Oral) *2</b>	No data
<b>Skin corrosion/skin irritation*3</b>	No data
<b>Serious Eye Damage/Eye Irritation*4</b>	No data
<b>Mutagenicity test*5</b>	No data

<b>Respiratory or skin sensitization</b>	No data
<b>Germ cell mutagenicity</b>	No data
<b>Carcinogenicity</b>	No data
<b>Specific target organ toxicity Single exposure</b>	No data
<b>Specific target organ toxicity repeated</b>	No data
<b>Absorption respiratory organs toxicity</b>	No data

## 12 ECOLOGICAL INFORMATION

---

<b>Ecotoxicology</b>	:No data
<b>Persistence/degradability</b>	:No data
<b>Bioaccumulation</b>	:No data
<b>Hazardous to the ozone layer</b>	: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.

### International 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 petroleum (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

[About the GHS | UNECE](#)

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.