

# Safety Data Sheet

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## 1. Product and company name

Product name: Todomatsu Leaf and Twig Essential Oil  
Company name: Hida Sangyo Co., Ltd.  
Department in charge: Kitutuki Mori Research Institute  
Address: 3180 Urushigaitomachi, Takayama City, Gifu 506-8686, Japan  
Telephone number: +81-577-32-1001  
FAX number: +81-577-34-9185  
Main use: flavor, fragrance products  
  
Emergency telephone number: +81-577-36-7245

## 2. Hazards identification

GHS classification: Cannot be classified  
Symbol: No data  
Signal word: No data  
Hazard risk statement: No data  
Main danger: Contact with skin, mucous membranes, eyes, etc. may cause irritation and inflammation  
  
Human and environmental risk: May corrode metals.

## 3. Composition/Information on ingredients

Single product or mixture: Essential oil extracted by steam distillation method.  
(High temperature high pressure steam distillation)  
Information on ingredient: Todomatsu leaf and twig essential oil 100%  
Scientific name: *Abies sachalinensis*  
INCI name: Abies Sachalinensis Leaf Oil

## 4. First-aid measures

Eye contact: Immediately wash with clean water for at least 15 minutes and consult an ophthalmologist if the abnormality persists.  
  
Skin contact: Immediately wash with clean water for at least 15 minutes and if skin irritation or rash occurs, get a medical diagnosis and treatment.  
  
Inhalation: Move to a place with fresh air and rest. Consult a doctor if you

Ingestion: feel unwell.  
Rinse your mouth with clean water and consult a doctor if you feel unwell.

## 5. Fire-fighting measures

Fire extinguishing measures: Carbon dioxide fire extinguisher, foam fire extinguisher.  
Precautions in case of fire: May provide toxic gas in case of fire.

## 6. Accidental release measures

Personal precautions: To prevent exposure or to prevent inhalation of vapors and contact with skin, wear protective equipment.  
Environmental precautions: Do not wash away spilled essential oils with water to prevent discharge to public waters or underground infiltration.  
Clean-up procedures: Wear protective equipment such as rubber gloves. Wipe it with paper or cloth and store them in a sealed container.  
Secondary disaster prevention measures: Prevent inflow into closed areas such as drainage, sewage, ditches and basements. If you leave it on the floor, there is a risk of slipping, so wipe it neatly.

## 7. Handling and storing precaution

### Handling

Technical measures: It is desirable to use protective equipment such as safety goggles and safety gloves when there is a risk of inhalation or skin contact.  
Caution: It is desirable to install local exhaust ventilation equipment and seal the equipment or provide general ventilation.  
Precautions for safe handling: It is desirable to wear protective equipment to avoid inhalation of vapors and contact with the skin.  
Storage: Store in a cool and dark place away from direct sunlight. Keep fire away.

## 8. Exposure controls/Personal protection

Exposure controls / Personal protection: If it produced steam or mist, handle it in an environment with an exhaust system and wear work clothes, rubber gloves and goggles. Handle it away from food and beverages.

## 9. Physical and chemical properties

Physical state

Appearance:	Light yellow to yellow liquid
Odor:	Characteristic scent
Density (20°C):	0.90±0.05
pH and concentration:	Not applicable
Specific temperature/temperature range where physical conditions change	
Flashpoint:	No data
Boiling point:	No data
Explosive point:	No data
Vapor pressure:	No data
Solubility:	Freely soluble in ethanol

#### 10. Stability and reactivity

Stability:	Stable but it may undergo chemical changes due to light or heat.
Hazardous reactions:	Does not occur under normal handling conditions.
Conditions to avoid:	High temperature, high humidity, ultraviolet rays.
Hazardous decomposition products:	No data
Degradability:	Decomposition does not occur as long as it is used properly

#### 11. Toxicological information

##### Information on toxicological effects

Acute oral toxicity	No data
Skin irritation	No data
Skin sensitization	No data
Photosensitization	No data
Carcinogenicity	No data
Mutagenicity	No data
IFRA guidelines	No data

#### 12. Ecological Information

Ecotoxicity:	No data
Persistent/Degradability:	No data
Biomagnification:	No data
Other environmental effect:	No data

#### 13. Disposal considerations

##### Waste disposal method

For disposal, follow the relevant laws and regulations and the standards of local government. If an industrial waste disposal company licensed by the prefectural governor or local public body is disposing of the waste, consult

with them for disposal of waste. Containers should be cleaned and recycled or disposed of according to relevant laws and regulations or standards of local government.

#### 14. Transport information

Operate in accordance with international standards for handling dangerous goods.

〈International standards〉

UN number, UN classification:	1169
Shipping name:	Extracts, aromatic, liquid [essential oil]
UN classification:	Class 3 (flammable liquid)
Packing group:	III
Marine pollutant:	No rules
〈Domestic standard〉	
Land transportation:	Follow the provisions of the Fire Service Act.
Air transportation:	Follow the provisions of the Civil Aeronautics Act.
Marine transportation:	Follow the provisions of the Ship Safety Act.

#### 15. Regulatory Information

Industrial Safety and Health Law:	No data
Fire Service Act:	No data
Air Pollution Control Law:	Not applicable
Water Pollution Prevention Law:	Not applicable
Civil Aeronautics Act:	Not applicable
Ship Safety Act:	Flammable liquids classification: Highly flammable liquid
Food Sanitation Act:	Not applicable

#### 16. Other information

The contents of this data sheet are based on the materials and information data currently available, and may be subject to revision due to new knowledge. In addition, the precautions described herein apply only to normal uses, and in the case off special handling, please take sufficient safety measures before using.

The purpose of safety data sheet is to provide information on the safe handling of the product. The data provided here does not provide any assurance for the performance of the product.