

# Agarwood Oud Oil from Aquilaria crassna

## Safety Data Sheet

According to OSHA Hazard Communication Standard (29 CFR 1910.1200) and Globally Harmonized System (GHS) – HazCom 2012

Date of issue: August 16, 2025

### SECTION 1: Identification

#### 1.1. Identification

Product form : Substance  
Substance name : Agarwood Essential Oil (Aquilaria crassna)  
CAS-No. : 958663-49-5  
Product code : SFTY-2504-001  
Synonyms : Oud Oil, Agarwood Oil

#### 1.2. Recommended use and restrictions on use

Recommended use : Fragrance ingredient, aromatherapy, perfumery, research.  
Restrictions on use : Not for internal consumption. Avoid undiluted application to skin.

#### 1.3. Supplier

SAFINITY CO., LTD. (Head Office)  
No. 250/98 Chokchai 4 Road, Ladprao Subdistrict,  
Ladprao District, Bangkok 10230, Thailand  
Telephone: +668 3542 1482  
Email: safinity.official@gmail.com  
Website: <https://safinitythaioudoil.com/>  
Tax ID: 0105565197499

#### 1.4. Emergency telephone number

Emergency number : +66 83 542 1482 (Available during office hours: 09:00–18:00, Mon–Sat)

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

Not classified as hazardous according to the Globally Harmonized System (GHS).  
Product is a natural essential oil; not listed under EU CLP, OSHA HCS, or UAE/GHS schedules.

#### 2.2. GHS Label elements, including precautionary statements

Hazard pictograms : None required  
Signal word : None  
Hazard statements (H-statements) : Not classified as hazardous  
: May cause mild skin or eye irritation in sensitive individuals  
Precautionary statements (P-statements)  
P264 : Wash hands thoroughly after handling  
P280 : Wear protective gloves/eye protection if handling in bulk quantities  
P302+P352 : IF ON SKIN: Wash with plenty of soap and water  
P305+P351 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing

#### 2.3. Other hazards which do not result in classification

Not a PBT or vPvB substance (Persistent, Bioaccumulative, and Toxic / very Persistent, very Bioaccumulative)  
No special hazards identified under normal conditions of use

#### 2.4. Unknown acute toxicity (GHS US)

No data available

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Name	Product identifier	%	GHS-US classification
Agarwood Oil (Aquilaria crassna) (Main constituent)	(CAS-No.) 958663-49-5 (reference only; natural complex mixture)	100	Not classified

Full text of hazard classes and H-statements : see section 16

#### 3.2. Mixtures

Not applicable

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### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Wash skin with plenty of water.
- First-aid measures after eye contact : Rinse eyes with water as a precaution.
- First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

#### 4.2. Most important symptoms and effects (acute and delayed)

Not expected under normal use

#### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically. Seek medical advice if symptoms persist.

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

- Suitable : Water spray, dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>).
- Unsuitable : Direct high-pressure water jet (may spread the oil fire).

#### 5.2. Specific hazards arising from the chemical

- Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

#### 5.3. Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Use only with proper PPE: self-contained breathing apparatus & full protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area.

##### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

- Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Take up liquid spill into absorbent material.
- Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

- For further information refer to section 8 : Exposure-controls/personal protection".

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in a cool, dry, ventilated place, away from sunlight; keep container sealed.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

- Occupational Exposure Limits : Not established.

#### 8.2. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Environmental exposure controls : Avoid release to the environment.

#### 8.3. Individual protection measures/Personal protective equipment

- Hand protection : Protective gloves
- Eye protection: : Safety glasses
- Skin and body protection : Wear suitable protective clothing
- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Viscous liquid
Color	: Dark brown to amber (yellow–brown tones)
Odor	: Deep, woody, musky, slightly sweet (characteristic of agarwood oil)
Odor threshold	: No data available
pH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 90 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 1.000 g/cm <sup>3</sup> (20 °C)
Refractive index (20 °C)	: 1.5155
Specific gravity (20 °C)	: 0.998
Solubility	: Insoluble in water; soluble in ethanol and fixed oils
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity (kinematic/dynamic)	: Not determined (lab notes: medium–high viscosity)
Optical rotation (20 °C, 589 nm)	: –15.47°
Explosion limits	: No data available
Oxidizing properties	: No data available

#### 9.2. Other information

Microbiological quality	: No contamination detected (total viable aerobic count, yeast & mold = ND)
Heavy metals	: Not detected (Cd, Pb, As, Hg < LOD 0.002 mg/kg)

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (LD50 / LC50)	: No data available
Skin corrosion/irritation	: No data available
Serious eye damage/irritation	: No data available
Respiratory or skin sensitization	: No data available
Germ cell mutagenicity	: No data available
Carcinogenicity	: No data available
Reproductive toxicity	: No data available
STOT-single exposure	: No data available
STOT-repeated exposure	: No data available
Aspiration hazard	: No data available

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

#### 12.2. Persistence and degradability

Natural essential oil, expected to be biodegradable.

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT

Not regulated

#### Transportation of Dangerous Goods

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

United States (TSCA) : Not listed / Exempt (natural essential oil; not subject to TSCA inventory).

#### 15.2. International regulations

Canada (DSL/NDL) : Not listed; exempt as naturally occurring substance.

EU REACH (EC 1907/2006) : Not registered; exempt under Annex V (essential oils for perfumery/cosmetics).

United Arab Emirates (UAE GHS System) : Not listed as hazardous; classified as natural essential oil.

Thailand HSA (B.E. 2535) : Not listed; exempt as natural oil.

#### National regulations

No additional information available

#### 15.3. US State regulations

No additional information available

### SECTION 16: Other information

SDS US (GHS HazCom 2012)

Company Disclaimer:

The information provided in this Safety Data Sheet is believed to be accurate and reliable to the best of our knowledge at the time of publication. However, it does not claim to be exhaustive and should be used only as a guide. This information is applicable solely to the product identified and is not a guarantee of specific properties or performance. SAFINITY CO., LTD. shall not be held liable for any damage, loss, or injury resulting from handling, storage, transport, or use of this product beyond our reasonable control. Users are responsible for ensuring compliance with applicable laws and regulations in their jurisdiction.