

DAIDAI OIL – SAFETY DATA SHEET
SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING
PRODUCT IDENTIFIER

Product name	Daidai Oil
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DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Registered distributor company name	Pure Ingredients Ltd
Address	21b Akatea Road, Glendene, Auckland 0602 New Zealand
Telephone	+649 8135619
Website	www.pureingredients.co.nz
Email	compliance@pureingredients.co.nz

EMERGENCY TELEPHONE NUMBER

Emergency telephone numbers	111
Other emergency telephone numbers	0800 764 766

SECTION 2 HAZARDS IDENTIFICATION
GHS Classification (*HSNO Classification)

Flammable liquids - Category 4 (3.1D)
 Skin Corrosion / Irritation - Category 3 (6.3B)
 Skin Sensitization - Category 1 (6.5B)
 Germ cell mutagenicity - Category 2 (6.6B)
 Carcinogenicity - Category 2 (6.7B)

GHS Label elements, including precautionary statements


Hazard statement(s)	H227 Combustible liquid. H317 May cause an allergic skin reaction. H351 Suspected of causing cancer	H315 Causes skin irritation. H341 Suspected of causing genetic defects
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Precautionary statement(s)

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P261 Avoid breathing dust/fumes/gas/mist/vapours/spray.
 P264 Wash hands thoroughly after handling.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P302 IF ON SKIN: Wash with plenty of soap and water.
 P333 If skin irritation or a rash occurs: Get medical advice/attention.
 P301+P312 IF SWALLOWED: Call a poison center or doctor/physician if you feel unwell.
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P332+P313 If skin irritation occurs: Get medical advice/attention.
 P362+P364 Take off contaminated clothing and wash before reuse
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
 P308+P311 If exposed or concerned: Call a POISON CENTER/ doctor/physician.
 P405 Store locked up.
 P501 Dispose of contents and container in accordance with local, regional, national and/or international regulation for hazardous wastes.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Description	CAS No.	EINECS No.	Concentration
Citrus Aurantium	8016-38-4	277-143-2	100%

SECTION 4 FIRST AID MEASURES

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact: In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention. **Serious Skin Contact:** Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. **Serious Inhalation:** Not available.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear. **Serious Ingestion:** Not available

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SECTION 5 FIREFIGHTING MEASURES

Suitable extinguishing media Foam. Dry Powder. Carbon dioxide.

Unsuitable extinguishing media Water spray, water jet.

Special protective equipment and precautions for fire-fighters Wear proper protective equipment.

Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or its combustible products Will not burn but increases intensity of fire. Heating may cause expansion or decomposition leading to violent rupture of containers.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill: Combustible material. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. If the product is in its solid form: Use a shovel to put the material into a convenient waste disposal container. If the product is in its liquid form: Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

SECTION 7 HANDLING AND STORAGE

Precautions: Keep locked up.. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes.

Storage: Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection: Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Characters: Pale Yellow to Amber liquid

Relative Density (20/20°C): 0.863 – 0.876

Refractive Index (20°C): 1.461 – 1.480

Solubility (95% Ethanol 20°C): 1mL:2mL

Optical Rotation (20°C): 5-15

Linalool (GC,%): 39-53

Linalyl Acetate (GC,%): 9-15

Flash point : 75 °C

SECTION 10 STABILITY AND REACTIVITY

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Heat, ignition sources (flame, sparks), incompatible materials.

Incompatibility with various substances: Not available.

Corrosivity: Not available.

Special Remarks on Reactivity:

Light Sensitive. No other information found at this time. Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

SAFETY DATA SHEET**SECTION 11 TOXICOLOGICAL INFORMATION**

Routes of Entry: Absorbed through skin. Eye contact. Inhalation.

Toxicity to Animals: Acute oral toxicity (LD50): 2250 mg/kg [Rat]. Acute dermal toxicity (LD50): >5000 mg/kg [Rabbit].

Chronic Effects on Humans: MUTAGENIC EFFECTS: Mutagenic for bacteria and/or yeast. Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant), of inhalation. Slightly hazardous in case of skin contact (permeator), of ingestion.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects: Skin: May cause skin irritation. Eyes: May cause eye irritation. Ingestion: May cause gastrointestinal tract irritation.

Inhalation: Inhalation of mist or vapor may cause respiratory tract irritation.

The toxicological properties of this substance have not been fully investigated.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short-term degradation products are not likely. However, long term degradation products may arise.

SECTION 13 DISPOSAL CONSIDERATION

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14 TRANSPORT INFORMATION

US DOT Shipping Description (Land) Not regulated.
IMO-IMDG Shipping Description (Sea) Not regulated.
IATA Shipping Description (Air) Not regulated.

SECTION 15 REGULATORY INFORMATION

Federal and State Regulations: TSCA 8(b) inventory: Anise Oil

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC): R36/38- Irritating to eyes and skin. S2- Keep out of the reach of children. S46- If swallowed, seek medical advice immediately and show this container or label.

HMIS (U.S.A.):

Health Hazard: 2 Fire Hazard: 2 Reactivity: 0 Personal Protection: h National Fire Protection Association (U.S.A.): Health: 2

Flammability: 2 Reactivity: 0 Specific hazard:

Protective Equipment: Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Splash goggles.

SECTION 16 OTHER INFORMATION

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product, but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

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