



Plant's Power Inc
3-2700 St.Clair Ave west
Toronto, Ontario, M6N 1M2
Contact: 1-416-766-1254

Material Safety Data Sheet Tamanu Oil

Section 1: Product and Company Identification

Product Name: Tamanu Oil

Botanical Name: *Calophyllum inophyllum*

INCI Name: Calophyllum inophyllum Seed oil

CAS No.: 223748-12-7

EINECS No.: 310-127-6

Contact information:

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Section 2: Composition and Information on Ingredients

Composition: Tamanu Oil, 100%

Toxicological Data on Ingredients: Not applicable

Section 3: Hazards Identification

Routes of Entry

Eye Contact: No known hazard

Skin Contact: No known hazard

Ingestion: No known hazard

Inhalation: No known hazard

Section 4: First Aid Measures

Skin Contact:	If a reaction occurs, rinse irritated area with soap and water.
Eye Contact:	Flush with plenty of water or eye solution for 15 minutes. Get medical attention if irritation persists.
Inhalation:	Remove from exposure site to fresh air.
Ingestion:	Rinse mouth with water.

Section 5: Fire and Explosion

Suitable Extinguishers:	Carbon dioxide, Foams and Inert powder
Unsuitable Extinguishers:	Water
Fire Hazard:	At high temperatures acrolein may be formed.
Special Firefighting Procedure:	Limit the spread of oil. Use self-contained breathing apparatus protective suit for fighting fires.

Section 6: Accidental Release Measures

Personal Precautions:	The usual precautions for handling chemicals should be observed.
Environmental Precautions:	Contain the leak with earth or sand. Prevent from entering drains and sewers; if this cannot be done advise the local authority.
Clean Up Procedure:	Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.
Prohibited Materials:	Oxidizing substances

Section 7: Handling and Storage

Handling:	Use in well-ventilated area. Keep away from fire and open flames. Do not overheat. Avoid spillage and eye contact.
Storage Conditions:	Store at ambient temperature in a dark container. Store away from oxidizing substances e.g. Bleach. Store in sealed containers.
Fire Protection:	Keep away from ignition sources and naked flames. Take precautions to avoid static discharges in working area.
Container materials:	Metal or Plastic for bulk storage and glass or plastic for small quantities.

Section 8: Exposure Controls/Personal Protection Engineering

Precautions:	Wash all items that come into contact with the product before and after each use.
Control Limits:	Vary your carrier products to reduce the chance of acquiring a sensitivity reaction.
Personal Protection	
Respiratory:	Not required under normal conditions of use. Use adequate ventilation.
Hand Protection:	Wear Gloves, if applicable.
Eye Protection:	Wear safety glasses or splash goggles, if applicable.
Skin Protection:	Wear suitable protection clothing, if applicable.

Section 9: Physical and Chemical Properties

Physical State: Typical Vegetable Oil

Odour: Neutral

Colour: Dark Green/ Brown

PH Level: Neutral

Boiling Point: >100°C

Flash Point: >350°C.

Specific Gravity: 0.920 to 0.927

Vapour Pressure mm: Not reported.

Solubility in water: Insoluble

Solubility in solvent: Miscible

Section 10: Stability and Reactivity

Stability: The product is stable under normal storage conditions.

Conditions to avoid: High Temperatures, avoid excessive or direct heat.

Materials to avoid: Strong oxidizing agents

Polymerisation Hazard: Will not occur

Section 11: Toxicological Information

General: Product is non-toxic

Acute LD50: No Data Available

Carcinogenicity: Not carcinogenic

Mutagenicity: No Data Available

Section 12: Ecological Information

Biodegradability: Biodegradable

Precautions: Prevent surface contamination of soil, ground and surface water.

Section 13: Disposal Considerations

Waste Disposal Methods: Recover the product where possible or bury in authorized landfill sites according to local authority regulations. Avoid disposing to drainage systems and into the environment. Seek expert advice.

Section 14: Transport Information

DOT Classification: Not regulated.

IATA: Not regulated.

IMDG: Not regulated.

Section 15: Other Regulatory Information

HMIS (USA): Health – 0
 Fire – 1
 Reactivity - 1

Section 16: Other Information

Disclaimer:

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