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PRODUCTS

SAFETY DATA SHEET

TEA TREE OIL (*Melaleuca alternifolia*) - ORGANIC

SECTION 1 - STATEMENT OF CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	Tea Tree Oil - Organic
BOTANICAL NAME	<i>Melaleuca alternifolia</i>
SUBSTANCE	Oil
RECOMMENDED USE	Cosmetic and aromatherapy ingredient
CREATION DATE	June 2020
REVISION DATE	June 2022
PRODUCT CODE	NAPTT-O – Various sizes
SUPPLIER	Naturally Australian Products (NAP) / NAP Global
ADDRESS	25030 Avenue Tibbitts – Unit K, Valencia CA 91355 USA
TELEPHONE	+1 661-347-3206
EMERGENCY No	U.S. Hazmat Service Emergency Number: 800-373-7542 Non-U.S. Emergency Number: +1 – 484-951-2432 Contract Number: 1131
EMAIL	sales@naproducts.com

SECTION 2 – HAZARD/S IDENTIFICATION

2.1 Classification of the substance / preparation

Flammable Liquid (Category 3)
Eye Irritation (Category 2A)
Skin Irritation (Category 2)
Chronic Aquatic Toxicity (Category 2)

2.2 Label Elements

The product is classified and labeled according to the Globally Harmonized System (GHS)

GHS Signal word – DANGER



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Hazardous Statement

- H226 - Flammable liquid and vapour
- H302 - Harmful if swallowed
- H304 - May be fatal if swallowed and enters airways
- H319 - Causes serious eye irritation
- H315 - Causes skin irritation
- H317 - May cause an allergic skin reaction
- H411 - Toxic to aquatic life with long lasting effects

Precautionary Statement

- P102 - Keep out of reach of children
- P210 - Keep away from heat/spark/open flames/hot surfaces - no smoking
- P233 - Keep container tightly closed
- P240 - Ground/bond container and receiving equipment
- P241 - Use explosion-proof electrical/ventilating/lighting/equipment
- P242 - Use only non-sparking tools
- P243 - Take precautionary measures against static discharge
- P264 - Wash thoroughly after handling
- P270 - Do not eat, drink or smoke when using this product
- P271 - Use only outdoors or in a well-ventilated area
- P280 - Wear protective gloves and eye protection
- P301+P310 - If swallowed: Immediately call a poison center/doctor.
- P330 - Rinse mouth
- P331 - Do NOT induce vomiting
- P302+P352 - IF ON SKIN: Wash with plenty of soap and water
- P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
- P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
- P362+P364 - Take off contaminated clothing and wash it before reuse
- P370+P378 - In case of fire: Use for extinction: Alcohol resistant foam or water spray
- P402 + P404 - Store in a dry place. Store in a closed container
- P403+P235 - Store in a well-ventilated place. Keep cool



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P501 - Dispose of contents/container in accordance with local/regional/national/international regulations

SECTION 3 - COMPOSITION INFORMATION ON INGREDIENTS

Chemical Name	Botanical Name	Cas No	Proportions[%w./w]
Tea Tree Oil	Melaleuca alternifolia	68647-73-4	100%
Main constituents			
Terpinen-4-ol	-	562-74-3	<48
γ-Terpinene	-	99-85-4	<28
1,8-Cineole	-	470-82-6	<10
EU Allergens			
Limonene	-	5989-27-5	<4

SECTION 4 – FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: Supply fresh air. Seek medical advice in case of complaints.

Ingestion: Rinse mouth. Seek medical advice. Do not induce vomiting.

Skin contact: Wash with soap and water. If skin irritation or rash occurs seek medical advice.

Eye contact: Flush well with running water. If symptoms persist, seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

See section 2.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Suitable extinguishing media: Carbon Dioxide; Water fog; Alcohol-resistant foam, dry chemical powder.

Unsuitable extinguishing media: water jet (straight stream).

5.2 Specific Hazards arising from chemical

Flammable liquid. Burning can produce carbon monoxide.



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5.3 Special protective equipment and precautions for fire fighters

Fight fire from maximum distance possible or from protected area. Wear self contained breathing apparatus and protective clothing.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures.

Wear suitable protective clothing.

Maintain adequate ventilation in the working area after spilling.

6.2 Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

6.3 Methods and materials for cleaning up

Small Spills Collect packaging, mop or wipe up, wrap packaging and material in paper and dispose of in garbage. Wash area with water and detergent.

Large Spills Cover with absorbent material. Shovel material in to clean, dry, labelled containers and close lid. Refer to section 13 for disposal considerations.

SECTION 7 – HANDLING AND STORAGE

7.1 Precautions for safe handling

Use only in well ventilated area. Avoid breathing vapor or mist. Use appropriate personal protective equipment when handling. Keep away from heat, sparks, flame and all other sources of ignition.

Handle in accordance with good hygiene and safety practice.

7.2 Conditions for safe storage

Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs.

Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for spills.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control Parameters

OSHA TWA: None established

OSHA STEL: None established

ACGIH TWA: None established

ACGIH STEL: None established

NOHSC TWA: None established



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NOHSC STEL: None established

8.2 Appropriate engineering controls

General room or local exhaust ventilation is usually required to meet exposure limit(s). Electrical equipment should be grounded and conform to applicable electrical code.

8.3 Individual Protective Equipment

Process Conditions	Provide eyewash station.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	Not required
Hand Protection	Wear suitable protective gloves in the event of prolonged or repeated skin contact.
Eye Protection	Avoid contact with eyes. Use suitable eye protection
Other Protection	Not required
Hygiene Measures	Good personal hygiene practices are always advisable.
Personal Protection	Refer to applicable local requirements. Store personal protective equipment in a clean place, away from the work area.
Skin Protection	Wear protective clothing to reduce risk of skin/eye contact
Environmental Exposure Controls	Avoid discharging into drainage water.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Colourless to pale yellow mobile Liquid
Odour	Characteristic of tea tree
Odour Threshold	N Av
pH 1% Solution	N App
Melting Point/Range (°C)	N Av
Boiling Point/Range (°C)	N Av
Flash Point (°C)	56.6
Flammability Limits (%)	N Av
Relative Vapour Density (air=1)	N Av
Vapour Pressure (20 °C)	N Av
Specific Gravity (20 °C)	0.885 to 0.906
Refractive Index (20°C)	1.475 to 1.482
Solubility:	Insoluble in ethyl alcohol



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Autoignition Temperature (°C) N Av
(Typical values only - consult specification sheet)
N Av = Not available N App = Not applicable

SECTION 10 – STABILITY AND REACTIVITY

10.1 Reactivity

Stable under recommended handling and storage

10.2 Chemical stability

Stable under recommended handling and storage

10.3 Possibility of hazardous reactions

Flammable.

10.4 Conditions to avoid

Storage near flammable materials or at high temperatures. Keep away from heat, sparks, flames and all other sources of ignition.

10.5 Incompatible Materials

Strong acids, strong alkalis and oxidizing agents.

10.6 Hazardous decomposition products:

Thermal decomposition may release carbon monoxide and carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

11.1 Toxicological Effects

Acute toxicity:

Harmful if swallowed.

LD/LC50 values that are relevant for classification:

68647-73-4 Tea Tree Oil

Oral LD50 1600-1900 mg/kg (rat)

Dermal LD50 5000 mg/kg (rabbit)

Skin corrosion/irritation:

Irritant to skin and mucous membranes.

Serious eye damage/irritation:

Irritating to eyes. Promptly rinse.

Respiratory sensitization:

May be harmful.

Germ cell mutagenicity:

Not specified



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Reproductive toxicity:

Not specified

STOT-single exposure:

Not specified

STOT-related exposure:

Not specified

11.2 Information on the likely routes of exposure

Ingestion. Inhalation. Skin contact. Eye contact.

11.3 Symptoms related to the physical, chemical and toxicological characteristics

None known.

11.4 Delayed and immediate effects and also chronic effects from short and long term exposure

Not determined.

11.5 Numerical measures of toxicity (such as acute toxicity estimates)

Not determined

11.6 Other information

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

SECTION 12 – ECOLOGICAL INFORMATION

12.1 Ecotoxicity

Aquatic toxicity. Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

Biodegradation is expected.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely

12.4 Mobility in soil

No additional data available.

12.5 Results of PBT and vPvB Assessment



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No additional data available.

12.6 Other adverse effects

Do not allow product to enter streams, sewers or other waterways

SECTION 13 – DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not dispose into drainage systems. Ensure disposal is within local and national guidelines. Consult a specialist waste disposal company for correct disposal procedure and/or seek other expert advice.

SECTION 14 – TRANSPORT INFORMATION

14.1 UN Number

1169

14.2 Proper Shipping Name

Extracts, Aromatics, Liquid

14.3 Transport Hazard

ADR/RID/ADN Class Class 3: Flammable liquids.

IMDG Class 3

ICAO Class/Division 3

Transport Labels



14.4 Packaging Group

III

14.5 Environmental hazards



Toxic to marine life. Avoid release into waterways.

14.6 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code



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No data available

SECTION 15- REGULATORY INFORMATION

15.1 EU regulations

This product has been classified and marked in accordance with the EU Directives/Ordinance on Hazardous Materials.

15.2 Poisons Schedule (Aust)

Scheduled as a Poison by the SUSDP

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS). This material is considered hazardous

15.3

Country/State	Notification
Canada	DSL – Domestic Substance List. Not regulated
USA	TSCA – Toxic Substance Control Act: all ingredients listed. Not regulated
California	Proposition 65 – Not regulated. This product is exempt from Prop 65

SECTION 16– ADDITIONAL INFORMATION

Prepared: June 2020

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