

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT: PATH TO PERFECT HEALTH TEA TREE ESSENTIAL OIL

FILE NO.: MSTE
MSDS DATE: 1/17/07

SECTION 1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: Path To Perfect Health Tea Tree Essential Oil – *Melaleuca alternifolia*

MANUFACTURED BY: MiracleSoap, Inc., 1904 W. 24th ST., Sioux Falls, SD 57105

EMERGENCY TELEPHONE NUMBERS: 9-5 PST Monday-Friday - 1-888-895-7627

National Poison Control Center (all times) 1-412-681-6669

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS.

BOTANICAL ORIGIN: Australia

EXTRACTION: Steam Distilled

PLANT PART: Leaf

DOT Hazard classification: Class 3, Flammable

CAS No: 68647-73-4 Status: natural

FEMA: 3902 Additives: none

IFRA: not restricted Application: Essential oil therapy, aromatherapy, massage, skin care, etc.

FCCIV: official

INCI name: *Melaleuca alternifolia*

SECTION 3. HAZARDS IDENTIFICATION:

Flammable. Concentrated product. Do not ingest, use good housekeeping procedures when handling.

SECTION 4. FIRST-AID MEASURES:

INHALATION: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

EYE CONTACT: Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor immediately.

SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

INGESTION: Rinse mouth out with water. Administer water or milk to dilute. Seek medical advice **immediately**.

OTHER: When assessing action take Risk & Safety Phrases into account (Section 15)

SECTION 5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA RECOMMENDED: Use CO₂, Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES: Avoid vapor inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

SECTION 6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

ENVIRONMENT PRECAUTIONS: Keep away from drains, soils, surface & groundwater.

CLEANING UP METHODS FOR SPILLAGES: Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

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SECTION 7. HANDLING & STORAGE.

PRECAUTIONS IN HANDLING: Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke while handling.

STORAGE CONDITIONS: Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

FIRE PROTECTION: Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

RESPIRATORY PROTECTION: Respiratory protection is normally not required in well ventilated areas. However, NIOSH approved respiratory protection may be required when the material is to be used in a confined area.

VENTILATION: Ventilation meeting ACGIH standards should be employed.

HAND PROTECTION: Chemically resistant gloves are recommended.

EYE PROTECTION: Use safety glasses.

WORK/HYGIENE PRACTICES: Wash hands with soap & water after handling.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES.

COLOR: Pale to light yellow

APPEARANCE: Clear mobile liquid

ODOR: Warm spicy odor

FLASH POINT °F: 122°F

SPECIFIC GRAVITY @ 25°C: 0.888 - 0.900

REFRACTIVE INDEX @ 20°C: 1.475 - 1.482

Solubility in water: Insoluble

SECTION 10. STABILITY & REACTIVITY.

REACTIVITY: It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.

DECOMPOSITION: Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

STABILITY: Stable

SECTION 11. TOXICOLOGICAL INFORMATION.

Acute oral - rat LD₅₀: 1900 mg/Kg

SECTION 12. ECOLOGICAL INFORMATION.

BIODEGRADABILITY: Data not available

PRECAUTIONS: Prevent surface contamination of soil, ground & surface water.

SECTION 13. DISPOSAL CONSIDERATIONS.

Avoid disposing to drainage systems and into the environment. Seek expert advice.

SECTION 14. TRANSPORT REGULATIONS.

Road (ADR/RID): Class 3 item 31/c RID/No. 301; ADR RN N/2301

AIR (IATA): Class 3 Packing group III UN 1993

SEA (IMDG): 3142, Class 3 UN No: 1993

CHIP: See section 15

SECTION 15. REGULATORY INFORMATION.

HAZARDS: Harmful if swallowed. Flammable.

SYMBOLS: n/a

RISK PHRASES: R10, R22

SAFETY PHRASES: Flammable liquid. Do not ingest.

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SECTION 16. OTHER INFORMATION.

PACKAGING:

Type Suitability

Glass Yes

Lacquer lined steel/tin Moderate

Aluminum Yes

HPPE Yes

F/HDPE Yes

Other plastic Yes

SHELF LIFE

When stored within advised conditions, re-test after 12 months then at 3 monthly intervals up to a maximum life of 36 months.

Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.