

MATERIAL SAFETY DATA SHEET

TEA TREE ESSENTIAL OIL

Page 1(4)

Date: 23 October 2007

MSDS Revision: 02

Date created: 12/07/02

1. Identification of the substance/preparation and company

Product name : Tea Tree Essential Oil  
Company name : Soap Basics  
Company address : 23 Southbrook Road  
Melksham  
Wiltshire  
UK  
Phone : 01225 899286

2. Hazards identification

General : When undiluted and not properly handled, can be irritating to the skin and eyes and upon inhalation. Combustible material that can sustain a fire.  
Hazard symbol : Xn, Harmful.  
Risk phrases : R10, Flammable.  
: R22, Harmful if swallowed.  
: R38, Irritating to the skin.  
: R65, Harmful: May cause lung damage if swallowed.  
Environment : When spilled, can contaminate soil, ground and surface water.

3. Composition/information on ingredients

Chemical identification: MELALEUCA ALTERNIFOLIA  
CAS number : 68647-73-4  
EINECS number : 285-377-1  
EEC customs : 3301 296 100

(L) Ingredient must be disclosed on a label ("Contains \_").

(S) Ingredient must be disclosed on a label as a sensitiser ("Contains \_. May cause an allergic reaction.").

4. First-aid measures

Inhalation : Remove from exposure site to fresh air, keep at rest, and obtain medical attention.  
Eye exposure : Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.  
Skin exposure : Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.  
Ingestion : Rinse mouth with water and obtain medical attention.  
Others : Take Risk and Safety phrases (section 15) into consideration.

MATERIAL SAFETY DATA SHEET

TEA TREE Essential Oil  
Date: 23 October 2007  
MSDS Revision: 02

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Page 2(4)

5.Fire-fighting measures

Extinguishing media : Carbon dioxide, dry chemical, foam.  
Do not use a direct water-jet on burning material.

6.Accidental release measures

Personal precautions : Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.  
Spillage : Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Gross spillage should be contained immediately by use of sand or inert powder and disposed of according to local regulations.  
Environmental precautions : Keep away from drains, surface and ground water, and soil.

7.Handling and storage

Handling : Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.  
Storage : Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original containers. Avoid plastic and uncoated metal containers. Keep air contact to a minimum.  
Fire protection : Keep away from ignition sources and naked flame.

8.Exposure controls/personal protection

Respiratory protection : Avoid excessive inhalation of concentrated vapours.  
Eye protection : Wear safety glasses.  
Skin protection : Avoid skin contact. Use chemically resistant gloves as needed.

9.Physical and chemical properties

Appearance : WATER WHITE/PALE YELLOW  
Odour : FRESH EARTHY TERPENIC  
Flash point : 40 degC (CC)  
Oxidising property : None expected.  
Relative density : 0.8500 to 0.9500 @ 20 degC  
Refractive index : 1.4737 to 1.4837 @ 20 degC

MATERIAL SAFETY DATA SHEET

TEA TREE Essential Oil  
Date: 23 October 2007  
MSDS Revision: 02

Page 3(4)

Date created: 12/07/02

10. Stability and reactivity

Reactivity : Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.  
Decomposition : Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. Toxicological information

This material is according to EEC Directive 67/548/EEC classified as:  
Harmful if swallowed.  
Irritating to the skin.

12. Ecological information

General : This material is unlikely to accumulate in the environment and environmental problems under normal use conditions are unexpected.

13. Disposal considerations

Dispose of according to local regulations.  
Avoid disposing into drainage systems and into the environment.

14. Transport information

	Class	Pack group	Sub risk	UN no	IMDG page
Road (CDGRR)	: 3	III		UN2319	
Air (IATA)	: 3	III		UN2319	
Sea (IMDG)	: 3	III		UN2319	

15. Regulatory information

Classification Packaging / Labelling (Directive 1999/45/EC)

Hazard symbol : Xn, Harmful.  
Risk phrases : R10, Flammable.  
: R22, Harmful if swallowed.  
: R38, Irritating to the skin.  
: R65, Harmful: May cause lung damage if swallowed.  
Safety phrases : S62, If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

MATERIAL SAFETY DATA SHEET

TEA TREE Essential Oil  
Date: 23 October 2007  
MSDS Revision: 02

Page 4(4)

Date created: 12/07/02

16. Other information

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Conc % Limits (\*) :

(\*) These are the maximum percent concentrations that this material can be used in a non-hazardous product without the indicated risk being applicable to that product.

The shelf life of this product is 12 months from date of manufacture.

The information in this MSDS is to the best of Soap Basics' knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.