



## Material Safety Data Sheet

EU Regulation: 1272/2008

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 PRODUCT IDENTIFICATION

PRODUCT NAME	TEA TREE (AUSTRALIAN), ESSENTIAL OIL				
BIOLOGICAL DEFINITION	MELALEUCA ALTERNIFOLIA LEAF OIL IS THE OIL DISTILLED FROM THE LEAVES OF THE TEA TREE, MELALEUCA ALTERNIFOLIA, MYRTACEAE.				
INCI NAME	MELALEUCA ALTERNIFOLIA LEAF OIL				
SYNONYMS & TRADE NAMES	-				
INTERNAL PRODUCT CODE	K0458				
CAS-No	85085-48-9 / 8022-72-8 / 68647-73-4	EC No.	285-377-1 / - / -	EINECS No.	285-377-1 / - / -

#### 1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

COMPANY ADDRESS	O&3 Unit 2, Athelstan Business Park, Hanwell Lane, Hutton Conyers, Ripon, HG4 5BF, England.
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#### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

EMERGENCY CONTACTS	MRS. ELEANOR WADE (07968 200167)
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## SECTION 2: HAZARDS IDENTIFICATION

<b>2.1</b>			
<b>CLASSIFICATION OF THE SUBSTANCE OR MIXTURE</b>	THE FULL TEXT FOR ALL HAZARD STATEMENTS IS DISPLAYED IN SECTION 16.		
<b>CLASSIFICATION (67/548/EEC)</b>	NO ADDITIONAL DATA AVAILABLE.		
<b>CLASSIFICATION (EU1272/2008)</b>	<p><b>PHYSICAL HAZARDS:</b> FLAM. LIQ. 3 - H226</p> <p><b>HEALTH HAZARDS:</b> ACUTE TOX. 4 – H302 ASP TOX. 1 – H304 SKIN IRRIT. 2 – H315, SKIN SENS. 1B - H317 ACUTE TOX. 4 - H332</p> <p><b>ENVIRONMENTAL HAZARDS:</b> AQUATIC CHRONIC 2 - H411</p>		
<b>2.2</b>			
<b>LABEL ELEMENTS</b>	LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.		
<b>GHS LABEL</b>	   		
<b>SIGNAL WORD</b>	DANGER.		
<b>CONTAINS</b>	GAMMA-TERPINENE, ALPHA PINENE, 1 8-CINEOLE, P-CYMELE, D-LIMONENE		
<b>HAZARDS STATEMENT</b>	<p>H226 FLAMMABLE LIQUID AND VAPOUR.</p> <p>H302 HARMFUL IF SWALLOWED.</p> <p>H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.</p> <p>H315 CAUSES SKIN IRRITATION.</p> <p>H317 MAY CAUSE AN ALLERGIC SKIN REACTION.</p> <p>H332 HARMFUL IF INHALED.</p> <p>H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.</p>		
<b>PRECAUTIONARY STATEMENTS</b>	<p>P273 AVOID RELEASE TO THE ENVIRONMENT.</p> <p>P280 WEAR PROTECTIVE GLOVES/ PROTECTIVE CLOTHING/ EYE PROTECTION/ FACE PROTECTION.</p> <p>P301+P310 IF SWALLOWED: IMMEDIATELY CALL A POISON CENTER/ DOCTOR.</p> <p>P305+P351+P338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.</p> <p>P331 DO NOT INDUCE VOMITING.</p> <p>P391 COLLECT SPILLAGE.</p> <p>P262 DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING.</p>		
<b>SUPPLEMENTARY PRECAUTIONARY STATEMENTS</b>	<p>P210 KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. NO SMOKING.</p> <p>P233 KEEP CONTAINER TIGHTLY CLOSED.</p> <p>P240 GROUND AND BOND CONTAINER AND RECEIVING EQUIPMENT.</p> <p>P241 USE EXPLOSION-PROOF ELECTRICAL EQUIPMENT.</p> <p>P242 USE NON-SPARKING TOOLS.</p> <p>P243 TAKE ACTION TO PREVENT STATIC DISCHARGES.</p> <p>P261 AVOID BREATHING VAPOUR/ SPRAY.</p> <p>P264 WASH CONTAMINATED SKIN THOROUGHLY AFTER HANDLING.</p> <p>P272 CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE.</p> <p>P302+P352 IF ON SKIN: WASH WITH PLENTY OF WATER.</p> <p>P303+P361+P353 IF ON SKIN (OR HAIR): TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER OR SHOWER.</p> <p>P321 SPECIFIC TREATMENT (SEE MEDICAL ADVICE ON THIS LABEL).</p> <p>P332+P313 IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ ATTENTION.</p> <p>P333+P313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ ATTENTION.</p> <p>P337+P313 IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ ATTENTION.</p> <p>P362+P364 TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE.</p> <p>P370+P378 IN CASE OF FIRE: USE FOAM, CARBON DIOXIDE, DRY POWDER OR WATER FOG TO EXTINGUISH.</p> <p>P403+P235 STORE IN A WELL-VENTILATED PLACE. KEEP COOL.</p> <p>P405 STORE LOCKED UP.</p> <p>P501 DISPOSE OF CONTENTS/ CONTAINER IN ACCORDANCE WITH NATIONAL REGULATIONS.</p>		

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SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL.

2.3  
OTHER HAZARDS

ADVERSE PHYSIO-CHEMICAL PROPERTIES	NOT ADDITIONAL DATA AVAILABLE.
ADVERSE EFFECTS ON HUMAN HEALTH	NOT ADDITIONAL DATA AVAILABLE.
PBT OR vPvB ACCORDING TO ANNEX XIII	NOT ADDITIONAL DATA AVAILABLE.

SECTION 3: COMPOSITION OF INGREDIENTS

3.2 MIXTURES	<p>≥ 30.0 % <b>TERPINENE-1-OL-4</b> CAS No: 562-74-3 EC No: 209-235-5</p> <p>CLASSIFICATION (EC 1272/2008) ACUTE TOX. 4 - H302, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, EYE IRRIT. 2 - H319, STOT SE 3 - H336</p>
	<p>10.0 – 28.0 % <b>GAMMA-TERPINENE</b> CAS No: 99-85-4 EC No: 202-794-6</p> <p>CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 – H226, REPR. 2 - H361, AQUATIC CHRONIC 2 - H411</p>
	<p>&lt; 15.0 % <b>1,8-CINEOL</b> CAS No: 470-82-6 EC No: 207-431-5</p> <p>CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, SKIN SENS. 1B - H317</p>
	<p>0.5 – 13.0 % <b>ALPHA-TERPINENE</b> CAS No: 99-86-5 EC No: 202-795-1</p> <p>CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ACUTE TOX. 4 - H302, SKIN SENS. 1B - H317, EYE IRRIT. 2 - H319, AQUATIC CHRONIC 2 - H411</p>
	<p>0.5 – 12.0 % <b>PARA-CYMENE</b> CAS No: 99-87-6 EC No: 202-796-7</p> <p>CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, REPR. 2 - H361, AQUATIC CHRONIC 2 - H411</p>
	<p>1.5 – 8.0 % <b>ALPHA-TERPINEOL</b> CAS No: 98-55-5 EC No: 202-680-6</p> <p>CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315, EYE IRRIT. 2 - H319</p>
	<p>1.0 – 6.0 % <b>ALPHA-PINENE</b> CAS No: 80-56-8 EC No: 201-291-9</p> <p>CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ACUTE TOX. 4 - H302, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410</p>
	<p>1.0 – 5.0 % <b>ALPHA-TERPINOLENE</b> CAS No: 586-62-9 EC No: 209-578-0</p> <p>CLASSIFICATION (EC 1272/2008) ASP. TOX. 1 - H304, SKIN SENS. 1B - H317, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410</p>
	<p>&lt; 5.0 % <b>D-LIMONENE</b> CAS No: 5989-27-5 EC No: 227-813-5</p> <p>CLASSIFICATION (EC 1272/2008) FLAM. LIQ. 3 - H226, ASP. TOX. 1 - H304, SKIN IRRIT. 2 - H315, SKIN SENS. 1 - H317, AQUATIC ACUTE 1 - H400, AQUATIC CHRONIC 1 - H410</p>
	<p>&lt; 1.0 % <b>LINALOOL</b> CAS No: 78-70-6 EC No: 201-134-4</p> <p>CLASSIFICATION (EC 1272/2008) SKIN IRRIT. 2 - H315, SKIN SENS. 1B - H317, EYE IRRIT. 2 – H319</p>

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES	
GENERAL INFORMATION	ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY.
INHALATION	REMOVE FROM EXPOSURE AREA TO FRESH AIR. GET MEDICAL ADVICE/ATTENTION.
INGESTION	DO NOT INDUCE VOMITING. INGESTION MAY CAUSE NAUSEA AND VOMITING. IMMEDIATELY RINSE MOUTH AND PROVIDE FRESH AIR. GET MEDICAL ADVICE/ATTENTION.
SKIN CONTACT	REMOVE CONTAMINATED CLOTHING IMMEDIATELY AND WASH SKIN WITH SOAP AND WATER. GET MEDICAL ADVICE/ATTENTION IF ANY DISCOMFORT CONTINUES.
EYE CONTACT	IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR UP TO 15 MINUTES. REMOVE ANY CONTACT LENSES AND OPEN EYES WIDE APART. GET MEDICAL ADVICE/ATTENTION. CONTINUE TO RINSE.
4.2	NO ADDITIONAL DATA AVAILABLE.

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MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE & DELAYED)	
<b>4.3</b> INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	TREAT SYMPTOMATICALLY.

## SECTION 5: FIRE FIGHTING MEASURES

<b>5.1</b> EXTINGUISHING MATERIAL	<b>SUITABLE EXTINGUISHING MEDIA:</b> CARBON DIOXIDE, DRY CHEMICAL, FOAM. <b>UNSUITABLE EXTINGUISHING MEDIA:</b> DO NOT USE WATER JET AS AN EXTINGUISHER, AS THIS MAY SCATTER AND SPREAD FIRE.
<b>5.2</b> SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	A FIRE WILL OFTEN PRODUCE A THICK BLACK SMOKE. EXPOSURE TO DECOMPOSITION PRODUCTS MAY BE HAZARDOUS TO HEALTH. DO NOT BREATHE IN SMOKE. THERMAL DECOMPOSITION OR COMBUSTION PRODUCTS MAY INCLUDE THE FOLLOWING SUBSTANCES: CARBON DIOXIDE (CO <sub>2</sub> ), CARBON MONOXIDE (CO), OTHER TOXIC GASES. CONTAINERS CLOSE TO FIRE SHOULD BE REMOVED OR COOLED WITH WATER.
<b>5.3</b> ADVICE FOR FIRE-FIGHTERS	AVOID INHALATION OF GENERATED FUMES OR VAPOURS. WEAR SELF-CONTAINED BREATHING APPARATUS AND APPROPRIATE PROTECTIVE CLOTHING.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>6.1</b> PERSONAL PRECAUTIONS	WEAR PROTECTIVE CLOTHING AS DESCRIBED IN SECTION 8 OF THIS SAFETY DATA SHEET. HANDLE THE PRODUCT USING PROTECTIVE GLOVES RESISTANT TO THE CHEMICALS EXPOSED. AVOID CONTACT WITH SKIN AND INHALATION OF ITS VAPOURS. MAINTAIN ADEQUATE VENTILATION IN THE WORKING AREA AFTER SPILLING.
<b>6.2</b> ENVIRONMENTAL PRECAUTIONS	DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND.
<b>6.3</b> METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP	ABSORB WITH LIQUID BINDING MATERIAL E.G. SAND, DIATOMACEOUS EARTH OR VERMICULITE. COLLECT IN CLOSED AND SUITABLE CONTAINERS FOR DISPOSAL IN ACCORDANCE WITH LOCAL, STATE OR NATIONAL LEGISLATION. PREVENT ANY MATERIAL FROM ENTERING DRAINS OR WATERWAYS. WASH SPILL SITE AFTER REMOVAL WITH A DETERGENT.
<b>6.4</b> REFERENCES TO OTHER SECTIONS	REFER & CONSIDER SECTION 4. REFER & CONSIDER SECTION 7. REFER & CONSIDER SECTION 8. REFER & CONSIDER SECTION 13.

## SECTION 7: HANDLING & STORAGE

<b>7.1</b> PRECAUTIONS FOR SAFE-HANDLING	AVOID CONTACT WITH SKIN, EYES AND CLOTHING. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE RE-USE. DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. WEAR PERSONAL PROTECTIVE EQUIPMENT. DO NOT BREATHE VAPOURS OR SPRAY MIST. USE ONLY IN AREA PROVIDED WITH ADEQUATE VENTILATION. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING EQUIPMENT. USE ONLY NON-SPARKING TOOLS. TAKE NECESSARY ACTION TO AVOID STATIC DISCHARGE AS THIS MIGHT CAUSE IGNITION OF VAPOURS.
<b>7.2</b> CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES	STORE IN TIGHTLY-CLOSED, ORIGINAL CONTAINER IN A DRY, COOL AND WELL-VENTILATED AREA, AWAY FROM POTENTIAL SOURCES OF IGNITION AND PROTECTED FROM LIGHT.
<b>7.3</b> SPECIFIC END USE(S)	SUITABLE FOR USE IN COSMETIC, FRAGRANCE, FLAVOUR AND PROFESSIONAL APPLICATIONS ONLY.

## SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

<b>8.1</b> CONTROL PARAMETERS	<u>ALPHA- TERPINOLENE (CAS NO: 586-62-9)</u> <b>DNEL</b> WORKERS - INHALATION; LONG TERM SYSTEMIC EFFECTS: 3.6 MG/M <sup>3</sup> WORKERS - DERMAL; LONG TERM SYSTEMIC EFFECTS: 0.52 BW/DAY, MG/KG GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS: 0.9 MG/M <sup>3</sup> GENERAL POPULATION - DERMAL; LONG TERM SYSTEMIC EFFECTS: 0.26 BW/DAY, MG/KG GENERAL POPULATION - ORAL; LONG TERM SYSTEMIC EFFECTS: 0.26 BW/DAY, MG/KG <b>PNEC</b> FRESH WATER; SHORT TERM 0.634 MG/L
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THE OIL FAMILY

FRESH WATER, INTERMITTENT RELEASE; SHORT TERM 0.634 MG/L  
MARINE WATER; SHORT TERM 0.063 MG/L  
STP; SHORT TERM 0.2 MG/L  
SEDIMENT (FRESHWATER); SHORT TERM 14.7 MG/KG  
SEDIMENT (MARINEWATER); SHORT TERM 14.7 MG/KG  
SOIL; SHORT TERM 29.1 MG/KG

ALPHA-TERPINEOL (CAS NO: 98-55-5)

**PNEC**

FRESH WATER; SHORT TERM 68 MG/L  
MARINE WATER; SHORT TERM 6.8 MG/L  
STP; SHORT TERM 2.6 MG/L  
SEDIMENT (FRESHWATER); SHORT TERM 1.85 MG/KG  
SEDIMENT (MARINEWATER); SHORT TERM 0.185 MG/KG  
SOIL; SHORT TERM 0.329 MG/KG

ALPHA PINENE (CAS NO: 80-56-8)

**DNEL**

WORKERS - INHALATION; LONG TERM SYSTEMIC EFFECTS: 3.8 MG/M<sup>3</sup>  
WORKERS - DERMAL; LONG TERM SYSTEMIC EFFECTS: 0.54 BW/DAY, MG/KG  
GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS: 0.67 MG/M<sup>3</sup>  
GENERAL POPULATION - DERMAL; LONG TERM SYSTEMIC EFFECTS: 0.19 MG/KG, BW/DAY  
GENERAL POPULATION - ORAL; LONG TERM SYSTEMIC EFFECTS: 0.19 MG/KG, BW/DAY

**PNEC**

FRESH WATER; SHORT TERM 0.606 MG/L  
FRESH WATER, INTERMITTENT RELEASE; 3.03 MG/L  
MARINE WATER; SHORT TERM 0.061 MG/L  
INTERMITTENT RELEASE, MARINE WATER; 0.303 MG/L  
STP; SHORT TERM 0.2 MG/L  
SEDIMENT (FRESHWATER); SHORT TERM 1.57 MG/KG  
SEDIMENT (MARINEWATER); SHORT TERM 15.7 MG/KG  
SOIL; SHORT TERM 31.7 MG/KG

1, 8 CINEOLE (CAS NO: 470-82-6)

**DNEL**

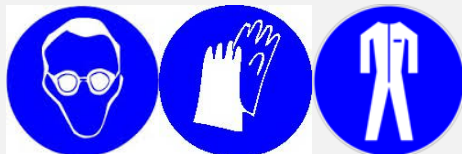
WORKERS - INHALATION; LONG TERM SYSTEMIC EFFECTS: 7.05 MG/M<sup>3</sup>  
WORKERS - DERMAL; LONG TERM SYSTEMIC EFFECTS: 2 BW/DAY, MG/KG  
GENERAL POPULATION - INHALATION; LONG TERM SYSTEMIC EFFECTS: 1.74 MG/M<sup>3</sup>  
GENERAL POPULATION - DERMAL; LONG TERM SYSTEMIC EFFECTS: 1 BW/DAY, MG/KG  
GENERAL POPULATION - ORAL; LONG TERM SYSTEMIC EFFECTS: 600 MG/KG, BW/DAY

**PNEC**

FRESH WATER; SHORT TERM 5.7 MG/L  
INTERMITTENT RELEASE, FRESH WATER; 0.57 MG/L  
MARINE WATER; SHORT TERM 5.7 MG/L  
STP; SHORT TERM 10 MG/L  
SEDIMENT (FRESHWATER); SHORT TERM 1.425 MG/KG  
SEDIMENT (MARINEWATER); SHORT TERM 0.142 MG/KG  
SOIL; SHORT TERM 0.25 MG/KG

**8.2**

**EXPOSURE CONTROLS**



**EYE PROTECTION**

AVOID CONTACT WITH EYES.  
WEAR SAFETY GOGGLES IN ACCORDANCE WITH STANDARD EN166.

**HAND PROTECTION**

WEAR SUITABLE PROTECTIVE GLOVES THAT ARE RESISTANT TO CHEMICAL AGENTS IN ACCORDANCE WITH STANDARD EN374.

**RESPIRATORY EQUIPMENT**

USUALLY NOT REQUIRED IN A WELL-VENTILATED AREA. IN CONFINED OR POORLY VENTILATED AREA APPROVED RESPIRATORY MASKS MAY BE REQUIRED.

**HYGIENE MEASURES**

GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.

**ENGINEERING MEASURES**

PROVIDE ADEQUATE VENTILATION OR RESPIRATORY PROTECTION.

**SKIN PROTECTION**

WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.  
WORK CLOTHING WORN BY PERSONNEL SHOULD BE LAUNDERED REGULARLY.

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	AFTER CONTACT WITH THE PRODUCT, ALL PARTS OF THE BODY THAT HAVE BEEN EXPOSED MUST BE WASHED THOROUGHLY.
<b>PERSONAL PROTECTION</b>	USE OF CHEMICAL RESISTANT CLOTHING IS RECOMMENDED WHEN HANDLING.
<b>OTHER PROTECTION</b>	WEAR APPROPRIATE CLOTHING TO PREVENT ANY POSSIBILITY OF SKIN CONTACT.
<b>PROCESS CONDITIONS</b>	USE PERSONAL PROTECTIVE EQUIPMENT THAT IS CLEAN AND HAS BEEN PROPERLY MAINTAINED. STORE PERSONAL PROTECTIVE EQUIPMENT IN A CLEAN PLACE, AWAY FROM THE WORK AREA. NEVER EAT, DRINK OR SMOKE DURING USE. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE RE-USING. ENSURE THAT THERE IS ADEQUATE VENTILATION.
<b>ENVIROMENTAL EXPOSURE CONTROLS</b>	AVOID DISCHARGING INTO DRAINAGE WATER. ONLY ELIMINATE BY AUTHORISED COMPANIES.

## SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

<b>9.1 PHYSICAL &amp; CHEMICAL PROPERTIES</b>	
<b>APPEARANCE</b>	LIQUID
<b>COLOUR</b>	COLOURLESS TO PALE YELLOW.
<b>ODOUR</b>	CHARACTERISTIC
<b>RELATIVE DENSITY</b>	APPROX 0.895 @ 20°C
<b>FLASH POINT (°C)</b>	56.0 – 59.0°C
<b>REFRACTIVE INDEX @ 20 °C</b>	APPROX 1.476 @ 20°C
<b>SOLUBILITY IN WATER @ 20 °C</b>	INSOLUBLE IN WATER
<b>9.2 OTHER INFORMATION</b>	BOILING POINT (°C): 97.0 – 220.0 AUTO-IGNITION TEMPERATURE (°C): 269.0

## SECTION 10: STABILITY & REACTIVITY

<b>10.1 REACTIVITY</b>	PRESENTS NO SIGNIFICANT REACTIVITY HAZARDS. STABLE UNDER NORMAL TEMPERATURE CONDITIONS AND RECOMMENDED USE.
<b>10.2 CHEMICAL STABILITY</b>	STABLE UNDER THE RECOMMENDED HANDLING AND STORAGE CONDITIONS IN SECTION 7.
<b>10.3 POSSIBILITY OF HAZARDOUS REACTIONS</b>	NOT EXPECTED UNDER NORMAL CONDITIONS OF USE.
<b>10.4 CONDITIONS TO AVOID</b>	KEEP AWAY FROM HEAT, HOT SURFACES, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. PREVENT STORING THE PRODUCT IN OPEN CONTAINERS FOR LONG PERIODS TO PREVENT PRODUCT DETERIORATION.
<b>10.5 INCOMPATIBLE MATERIALS</b>	AVOID CONTACT WITH STRONG ACIDS, ALKALIS OR OXIDISING AGENTS.
<b>10.6 HAZARDOUS DECOMPOSITION PRODUCTS</b>	NOT EXPECTED UNDER NORMAL TEMPERATURE CONDITIONS AND RECOMMENDED USE. THERMAL DECOMPOSITION MAY RELEASE/FORM OXIDES OF CARBON (CARBON MONOXIDE, CARBON DIOXIDE) AND OTHER TOXIC GASES..

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## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1

#### TOXICOLOGICAL EFFECTS

<b>ACUTE TOXICITY</b>	ACUTE TOXICITY – ORAL. HARMFUL IF SWALLOWED. ACUTE TOXICITY – DERMAL. NOT CLASSIFIED. ACUTE TOXICITY – INHALATION. HARMFUL IF INHALED. ALTHOUGH NOT CLASSIFIED BY CLP CALCULATION, BASED ON REACH DATA TEA TREE OIL IS CLASSIFIED AS HARMFUL IF INHALED.
<b>SKIN IRRITATION</b>	CAUSES SKIN IRRITATION.
<b>EYE DAMAGE OR IRRITATION</b>	BASED ON REACH DATA TEA TREE OIL IS CONSIDERED NOT TO BE AN OCULAR CORROSIVE OR SEVERE IRRITANT. ALTHOUGH TEA TREE OIL IS CONSIDERED A MILD IRRITANT, THE TEST DATA DOES NOT MEET THE CRITERIA FOR CLASSIFYING THE OIL AN EYE IRRITANT OR CAUSING SERIOUS EYE DAMAGE.
<b>RESPIRATORY OR SKIN SENSITIVITY</b>	RESPIRATORY SENSITISATION - POTENTIAL IRRITANT. OVER EXPOSURE AT HIGH LEVELS MAY RESULT IN MUCOUS MEMBRANE IRRITATION OF THE NOSE AND THROAT WITH COUGHING. SKIN SENSITISATION - MAY CAUSE AN ALLERGIC SKIN REACTION. MAY CAUSE ERYTHEMA, IRRITATION OR OEDEMA IF OIL IS OXIDISED. REPEATED OR PROLONGED SKIN CONTACT MAY LEAD TO ALLERGIC CONTACT DERMATITIS.
<b>GERM CELL MUTAGENICITY</b>	NOT CLASSIFIED.
<b>CARCINOGENICITY</b>	NOT CLASSIFIED.
<b>REPRODUCTIVE TOXICITY</b>	ALTHOUGH TEA TREE OIL CONTAINS PARA-CYME AND GAMMA-TERPINENE BOTH SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD, THE OIL IS NOT CLASSIFIED FOR REPRODUCTIVE TOXICITY ACCORDING THE REACH DATA.
<b>STOT – SINGLE EXPOSURE</b>	NOT CLASSIFIED.
<b>STOT – REPEATED EXPOSURE</b>	NOT CLASSIFIED.
<b>ASPIRATION HAZARD</b>	MAY BE HARMFUL IF SWALLOWED. MAY RESULT IN ALLERGIC DERMATITIS, HALLUCINATION, ATAXIA, DIARRHOEA, CENTRAL NERVOUS SYSTEM DEPRESSION, SLEEP OR COMA.
<b>OTHER INFORMATION</b>	NO ADDITIONAL DATA AVAILABLE.

## SECTION 12: ECOLOGICAL INFORMATION

<b>12.1 TOXICITY</b>	TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
<b>12.2 PERSISTENCE &amp; DEGRADABILITY</b>	READILY BIODEGRADABLE.
<b>12.3 BIO- ACCUMULATIVE POTENTIAL</b>	NO ADDITIONAL DATA AVAILABLE.
<b>12.4 MOBILITY IN SOIL</b>	PREVENT CONTAMINATION OF SOIL, GROUND AND SURFACE WATER.
<b>12.5 RESULTS OF PBT &amp; VPVB ASSESSMENT</b>	NO ADDITIONAL DATA AVAILABLE.
<b>12.6 OTHER ADVERSE EFFECTS</b>	NO ADDITIONAL DATA AVAILABLE.

## SECTION 13: DISPOSAL INFORMATION

<b>13.1 WASTE TREATMENT METHODS</b>	DO NOT ALLOW ENTRY INTO DRAINS OR WATERWAYS. <b>WASTE:</b> WASTE MANAGEMENT IS CARRIED OUT WITHOUT ENDANGERING HUMAN HEALTH, WITHOUT HARMING THE ENVIRONMENT AND, IN PARTICULAR WITHOUT RISK TO WATER, AIR, SOIL, PLANTS OR ANIMALS. RECYCLE OR DISPOSE OF WASTE IN COMPLIANCE WITH CURRENT LEGISLATION, PREFERABLY VIA A CERTIFIED COLLECTOR OR COMPANY. DO NOT CONTAMINATE THE GROUND OR WATER WITH WASTE. DO NOT DISPOSE OF WASTE INTO THE ENVIRONMENT. <b>SOILED PACKAGING:</b>
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EMPTY CONTAINER COMPLETELY. KEEP LABEL(S) ON CONTAINER.  
DISPOSE OF VIA A CERTIFIED DISPOSAL CONTRACTOR.

## SECTION 14: TRANSPORT INFORMATION

### 14.1 TRANSPORT INFORMATION

UN NUMBER

**ROAD: 1169**  
**RAIL: 1169**  
**AIR: 1169**

### 14.2 UN SHIPPING NAME

UN1169 EXTRACTS, AROMATIC, LIQUID (TEA TREE)

### 14.3 TRANSPORT HAZARD CLASS(ES)

#### ADR/RID

ADR/RID— CLASS 3  
ADR CLASSIFICATION CODE — F1  
SPECIAL PROVISIONS — 601  
LIMITED QUANTITIES — 5L  
EXPECTED QUANTITIES — E1  
EMERGENCY ACTION CODE — 3Y  
TUNNEL RESTRICTION CODE — D/E

#### IMDG

IMDG — CLASS 3  
SPECIAL PROVISIONS — 601  
LIMITED QUANTITIES — 5L  
EXPECTED QUANTITIES — E1  
IMDG EMS — F-E, S-D  
STOWAGE AND HANDLING — CATEGORY A

#### ICAO/IATA

ICAO/IATA— CLASS 3  
IATA PROPER SHIPPING NAME - EXTRACTS, AROMATIC, LIQUID  
EXPECTED QUANTITIES — E1

TRANSPORT LABELS



### 14.4 PACKING GROUP

ADR/RID/ADN PACKING GROUP III  
IMDG PACKING GROUP III  
ICAO PACKING GROUP III


### 14.5

ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT

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ENVIROMENTAL HAZARDS	
14.6 SPECIAL PRECAUTIONS FOR USER	SEE SECTIONS 6 – 8.
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE.	NO ADDITIONAL DATA AVAILABLE.
<b>SECTION 15: REGULATORY INFORMATION</b>	
15.1 PRODUCT SPECIFIC SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS & LEGISLATION	
EU DIRECTIVES	REGULATION (EC) NO 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18 DECEMBER 2006 CONCERNING THE REGISTRATION, EVALUATION, AUTHORISATION AND RESTRICTION OF CHEMICALS (REACH), ESTABLISHING A EUROPEAN CHEMICALS AGENCY, AMENDING DIRECTIVE 1999/45/EC AND REPEALING COUNCIL REGULATION (EEC) NO 793/93 AND COMMISSION REGULATION (EC) NO 1488/94 AS WELL AS COUNCIL DIRECTIVE 76/769/EEC AND COMMISSION DIRECTIVES 91/155/EEC, 93/67/EEC, 93/105/EC AND 2000/21/EC, INCLUDING AMENDMENTS.
STATUTORY INSTRUMENTS	THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009 NO 716).
APPROVED CODE OF PRACTICE	CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.
GUIDANCE NOTES	WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.
15.2 CHEMICAL SAFETY ASSESSMENT	-
<b>SECTION 16: OTHER INFORMATION</b>	
HAZARD AND/ OR PRECAUTIONARY STATEMENTS IN FULL	H226 FLAMMABLE LIQUID AND VAPOUR. H302 HARMFUL IF SWALLOWED. H304 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. H315 CAUSES SKIN IRRITATION. H317 MAY CAUSE AN ALLERGIC SKIN REACTION. H319 CAUSES SERIOUS EYE IRRITATION. H332 HARMFUL IF INHALED. H336 MAY CAUSE DROWSINESS OR DIZZINESS. H361 SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. H400 VERY TOXIC TO AQUATIC LIFE. H410 VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. H411 TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.
OTHER INFORMATION	*THE CLP CALCULATION INCLUDES: H319 CAUSES SERIOUS EYE IRRITATION. H336 MAY CAUSE DROWSINESS OR DIZZINESS. H361 SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. HOWEVER, BASED ON REACH DATA TEA TREE OIL DOES NOT MEET THE CRITERIA FOR THESE HAZARD CLASSIFICATIONS (SEE ALSO SECTION 11).
TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.	
ABBREVIATIONS & ACRONYMS:	
MSDS	MATERIAL SAFETY DATA SHEET.

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THE OIL FAMILY

<b>INCI</b>	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS.
<b>CAS</b>	CHEMICAL ABSTRACT SERVICE.
<b>IMDG</b>	INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS.
<b>ADR</b>	ACCORD EUROPEAN SUR LE TRANSPORT DES MARCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD).
<b>RID</b>	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL.
<b>ICAO</b>	INTERNATIONAL CIVIL AVIATION ORGANIZATION.
<b>ADN</b>	INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS.
<b>GHS</b>	GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & LABELLING OF CHEMICALS.
<b>TREM CARD</b>	TRANSPORT EMERGENCY CARD.
<b>STOT</b>	SPECIFIC TARGET ORGAN TOXICITY.

#### DOCUMENTATION REVISION

DATE	CHANGE DESCRIPTION
10/04/2018	DATA LAUNCH
07/10/2020	REVIEW
05/05/2022	REVIEW
18/05/2022	REVIEW

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