Certificate of Analysis

PRODUCT DETAILS					
Product Name		TEA TREE			
Product Code		OETEATREE			
INCI name		Melaleuca alternifolia oil			
Country of Origin		China			
Batch Number		4498008			
Best Before End		February 2026			
Manufacturing Process		Steam distillation of twigs and	branches of Mela	leuca alternfolia	
Identification		CAS No: 85085-48-9	.0.	EINECS No: 285-377-1	
		Alternative Cas: 68647-73-4		FEMA: 3902	
PHYSICAL AND CHE	MICAL CH	ARACTERISTIC			
		SPECIFICATION R	RANGES	RESULTS	
Appearance		Liquid	~	Conforms	
Colour		Colourless Clear Liquid		Conforms	
Odour		Camphoraceous Conforms		Conforms	
Relative Density @ 20°c		0.8850 - 0.9060 0.8919			
Refractive Index @ 20°c		1.4730 - 1.4820		1.4771	
Optical Rotation °		+5 to +15		5.0	
Flash Point		56-59 56.1			
MAIN CONSTITUEN	TS				
Constituent Range	Result	Constituent Range	Result	Constituent Range	Result
Terpinene-1-ol-4 (>30%)	41.81%	1,8 cineole (<15%)	2.37%		
STORAGE AND SHE	LF LIFE				
Storage		Store in tightly closed conta dry place.	ainer with minim	ium headspace in a cool,	dark and

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where MADAR Corporation make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.

CMR (Carcinogenic, mutagenic, reprotoxic) STATEMENT

Wondershare **PDFelement**

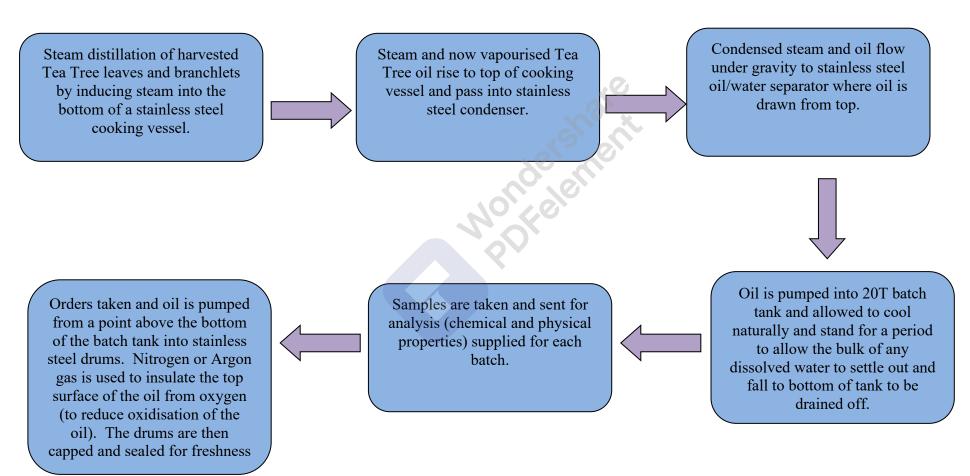
We hereby confirm, to the best of our knowledge and from information received from our supplier, that the below mentioned product does not contain any CMR Substances.

However, due to the fact that we do not analyse the batches, we cannot guarantee any explicit assurance.

woohelement *Product:* Tea Tree Oil

22 April 2021

TEA TREE OIL CHINESE FLOW CHART



NANO MATERIAL STATEMENT

This is to certify, from information received from our supplier, that the below mentioned product does not contain any substances which are classified as nanomaterials in accordance with the definition in the EU Cosmetic Products Regulation 1223/2009 including any amendments.

However, due to the act we do not analyze the batches, we cannot guarantee any explicit Nondersne assurance.

PRODUCT NAME TEA TREE OIL

22/04/2021 Date:

SAFETY DATA SHEET TEA TREE CHINESE

SECTION 1: Identification of t	he substance/mixture and of the company/undertaking
1.1. Product identifier	
Product name	TEA TREE CHINESE
Product number	OETEATREE
Synonyms; trade names	Melaleuca alternifolia oil
REACH registration number	01-2120743651-57-XXXX
CAS number	85085-48-9
Alternative Cas Number	68647-73-4
EC number	285-377-1
1.2. Relevant identified uses of	of the substance or mixture and uses advised against
Identified uses	Topical antibacterial, antiseptic and anti inflammatory agent
1.3. Details of the supplier of t	he safety data sheet
Supplier	Madar Corporation Limited 19 - 20 Sandleheath Indsutrial Estate Fordingbridge SP6 1PA Tel. +44 1425 655 555 e-mail technical@madarcorporation.co.uk

1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the subs	tance or mixture
Classification (EC 1272/2008)	<u>)</u>
Physical hazards	Flam. Liq. 3 - H226
Health hazards	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Asp. Tox. 1 - H304
Environmental hazards	Aquatic Chronic 2 - H411
Human health	May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.
Environmental	Toxic to aquatic life with long lasting effects.
Physicochemical	Flammable liquid and vapour.
2.2. Label elements	

EC number	285-377-1
Hazard pictograms	
Signal word	Danger
Hazard statements	 H226 Flammable liquid and vapour. 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. H411 Toxic to aquatic life with long lasting effects.
Precautionary statements	 P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P331 Do NOT induce vomiting. P391 Collect spillage. P262 Do not get in eyes, on skin, or on clothing.
Contains	p-mentha-1,4-diene, Alpha Terpinene, a terpinolene, Alpha Pinene, 1, 8 cineole, p-Cymene, (S)-p-mentha-1,8-diene
Supplementary precautionary statements	 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P240 Ground and bond container and receiving equipment. P241 Use explosion-proof electrical equipment. P242 Use non-sparking tools. P243 Take action to prevent static discharges. P261 Avoid breathing vapour/ spray. P264 Wash contaminated skin thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P303+P352 IF ON SKIN: Wash with plenty of water. P303+P351 F ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P321 Specific treatment (see medical advice on this label). P332+P313 If skin irritation occurs: Get medical advice/ attention. P337+P313 If eye irritation persists: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse. P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P405 Store locked up. P501 Dispose of contents/ container in accordance with national regulations.
2.3. Other hazards	

SECTION 3: Composition/informat	on on ingredients	
3.2. Mixtures		
Terpinene-1-ol-4		>30%
CAS number: 562-74-3	EC number: 209-235-5	
Classification		
Acute Tox. 4 - H302		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
Skin Sens. 1 - H317		
STOT SE 3 - H336		
p-mentha-1,4-diene		10-28%
CAS number: 99-85-4	EC number: 202-794-6	
Classification		
Flam. Liq. 3 - H226		
Repr. 2 - H361		
Aquatic Chronic 2 - H411		
Alpha Terpinene		5-13%
	F.C. must are 202 705 4	0-1070
CAS number: 99-86-5	EC number: 202-795-1	
Classification		
Flam. Liq. 3 - H226		
Acute Tox. 4 - H302		
Asp. Tox. 1 - H304		
Aquatic Chronic 2 - H411		
a terpinolene		1-5%
CAS number: 586-62-9	EC number: 209-578-0	
Classification		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
Skin Sens. 1 - H317		
Asp. Tox. 1 - H304		
Aquatic Chronic 2 - H411		
p-menth-1-en-8-ol		1.5-8%
CAS number: 98-55-5	EC number: 202-680-6	
Classification		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		

Alpha Pinene		1-6%
CAS number: 80-56-8	EC number: 201-291-9	
M factor (Acute) = 1	M factor (Chronic) = 1	
Classification Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410		
1, 8 cineole		<15%
CAS number: 470-82-6	EC number: 207-431-5	
Classification Flam. Liq. 3 - H226 Skin Sens. 1B - H317		
p-Cymene		0.5-12%
CAS number: 99-87-6	EC number: 202-796-7	
Classification Flam. Liq. 3 - H226 Repr. 2 - H361 Asp. Tox. 1 - H304		
(S)-p-mentha-1,8-diene		0.5-4%
CAS number: 5989-54-8	EC number: 227-815-6	
M factor (Acute) = 1	M factor (Chronic) = 1	
Classification Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410		

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Individuals contaminated by chemical exposure must be taken for medical attention if any adverse effect occurs. Take a copy of the label and SDS to the health professional with contaminated individual.

Inhalation	Remove person to fresh air and keep comfortable for breathing. Do not induce vomiting. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention if any discomfort continues.	
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Get medical attention immediately.	
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.	
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.	
4.2. Most important symptoms	and effects, both acute and delayed	
4.3. Indication of any immedia	te medical attention and special treatment needed	
Notes for the doctor	Treat symptomatically.	
SECTION 5: Firefighting meas	sures	
5.1. Extinguishing media		
Suitable extinguishing media	Use as appropriate carbon dixoide (CO2), dry chemical or foam	
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.	
5.2. Special hazards arising fro	om the substance or mixture	
Specific hazards	This product is flammable and vapours may travel some distance and flash back if ignited.	
Hazardous combustion products	Carbon dioxide (CO2). Carbon monoxide (CO). Hydrocarbons	
5.3. Advice for firefighters		
Protective actions during firefighting	Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk, otherwise keep containers cool with carefully applied water spray/mist. If possible, prevent runoff water from entering storm drains, bodies of water or other environmentally sensitive areas.	
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.	
SECTION 6: Accidental release	e measures	
6.1. Personal precautions, pro	tective equipment and emergency procedures	
Personal precautions	No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. Provide adequate ventilation.	
6.2. Environmental precaution	S	
Environmental precautions	Prevent run off into drains and waterways.	
6.3. Methods and material for	containment and cleaning up	
Methods for cleaning up	Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. Ventilate area and wash spill area after material pick up is complete.	
6.4. Reference to other section	<u>15</u>	
Poteronae to other eactions	Ear narranal protection, and Section 9	

Reference to other sections For personal protection, see Section 8.

SECTION 7: Handling and sto	orage	
7.1. Precautions for safe hand	dling	
Usage precautions Apply good manufacturing practice and industrial hygiene practices. Keep containers when not in use. Read label before use. Avoid contact with skin, eyes and clothing. Do eat, drink or smoke when using this product. Provide adequate general and local exhaventilation. Remove contaminated clothing and wash the skin thoroughly with soap an after work.		
7.2. Conditions for safe storage	ge, including any incompatibilities	
Storage precautions	Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from sunlight. Ground container and receiving equipment, use only non sparking tools and use explosion proof electrical equipment.	
7.3. Specific end use(s)		
SECTION 8: Exposure control	ols/Personal protection	
8.1. Control parameters		
	a terpinolene (CAS: 586-62-9)	
DNEL	Workers - Inhalation; Long term systemic effects: 3.6 mg/m ³ Workers - Dermal; Long term systemic effects: 0.52 bw/day, mg/kg General population - Inhalation; Long term systemic effects: 0.9 mg/m ³ 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	
PNEC	 Fresh water; Short term 0.634 mg/l 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 	
	p-menth-1-en-8-ol (CAS: 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: 80-56-8)	
DNEL	Workers - Inhalation; Long term systemic effects: 3.8 mg/m ³ Workers - Dermal; Long term systemic effects: 0.54 bw/day, mg/kg General population - Inhalation; Long term systemic effects: 0.67 mg/m ³ 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 157 mg/kg Sediment (Marinewater); Short term 15.7 mg/kg Soil; Short term 31.7 mg/kg
DNEL	Workers - Inhalation; Long term systemic effects: 7.05 mg/m³ Workers - Dermal; Long term systemic effects: 2 bw/day, mg/kg General population - Inhalation; Long term systemic effects: 1.74 mg/m³ 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

Protective equipment





Appropriate engineering controls	In case of insufficient ventilation, wear suitable respiratory equipment. Provide eyewash station
Personal protection	General protective and hygienic measures: Use personal protective equipment depending on concentration and amount of hazardous substance. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with eyes and skin.
Eye/face protection	Approved safety goggles.
Hand protection	Chemical resistant gloves (PVC)
Other skin and body protection	Wear apron or protective clothing in case of contact.
Hygiene measures	Good personal hygiene procedures should be implemented.
Respiratory protection	Generally unnecessary in a well ventilated area. If ventilation is insufficient, respiratory protection must be worn.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties	
Appearance	Liquid.
Colour	Colourless to pale yellow.
Odour	Camphoraceous

Initial boiling point and range	97-220°C
Flash point	56-59°C Pensky-Martens closed cup.
Relative density	0.8850 - 0.9060 @ 20°C
Auto-ignition temperature	269°C
Viscosity	2.86 m²/s @ 20°C 1.71 m²/s @ 40°C
9.2. Other information	
Refractive index	1.4730 - 1.4820 @ 20°C
Optical Rotation	+5 to +15°c
Hydrocarbon Content	50%
SECTION 10: Stability and rea	ıctivity
10.1. Reactivity	
Reactivity	None known.
10.2. Chemical stability	
Stability	Stable at normal ambient temperatures.
10.3. Possibility of hazardous	reactions
10.4. Conditions to avoid	
Conditions to avoid	Keep away from heat, sparks and open flame.
10.5. Incompatible materials	
Materials to avoid	Strong oxidising agents. Strong reducing agents.
10.6. Hazardous decompositio	n products
Hazardous decomposition products	Carbon dioxide (CO2). Carbon monoxide (CO). Hydrocarbons
SECTION 11: Toxicological int	formation
11.1. Information on toxicologi	cal effects
Acute toxicity - oral	
Notes (oral LD₅₀)	LD₅₀ 1900 mg/kg, Oral, Rat
Acute toxicity - dermal Notes (dermal LD₅₀)	LD₅₀ >5000 mg/kg, Dermal, Rabbit
Serious eye damage/irritation Serious eye damage/irritation	Mild irritant. May cause redness, irritation or oedema.
Respiratory sensitisation	
Respiratory sensitisation	Potential irritant. Over exposure at high levels may result in mucous membrane irritation of the nose and throat with coughing.
Skin sensitisation Skin sensitisation	

Aspiration hazard Aspiration hazard	May be harmful if swallowed. May result in allergic dermatitis, hallucination, ataxia, diarrhoea, central nervous system depression, sleep or coma.			
SECTION 12: Ecological inform	nation			
Ecotoxicity	Toxic to aquatic life with long lasting effects.			
12.1. Toxicity				
12.1. Persistence and degradability				
Persistence and degradability	The product is readily biodegradable.			
12.3. Bioaccumulative potential 12.4. Mobility in soil 12.5. Results of PBT and vPvB assessment				
12.6. Other adverse effects SECTION 13: Disposal consid	erations			
13.1. Waste treatment methods				
Disposal methods	 Dispose of contents/container in accordance with local regulations. 			
SECTION 14: Transport inform	nation			
14.1. UN number				
UN No. (ADR/RID)	1169			
UN No. (IMDG)	1169			
UN No. (ICAO)	1169			
UN No. (ADN)	1169			
14.2. UN proper shipping nam	e			
Proper shipping name (ADR/RID)	EXTRACTS, AROMATIC, LIQUID			
Proper shipping name (IMDG)	EXTRACTS, AROMATIC, LIQUID			
Proper shipping name (ICAO)	EXTRACTS, AROMATIC, LIQUID			
Proper shipping name (ADN)	EXTRACTS, AROMATIC, LIQUID			
14.3. Transport hazard class(e	es)			
ADR/RID class	3			
ADR/RID classification code	F1			
ADR/RID label	3			
IMDG class	3			
ICAO class/division	3			
ADN class	3			
Transport labels				



14.4. Packing group

ADR/RID packing group	Ш
IMDG packing group	Ш
ICAO packing group	III
ADN packing group	Ш

ADN packing group

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

14.6. Special precautions for user

EmS	F-E, S-D
ADR transport category	3
Emergency Action Code	3Y
Hazard Identification Number (ADR/RID)	30
Tunnel restriction code	(D/E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Guidance CHIP for everyone HSG228.

15.2. Chemical safety assessment

Inventories **EU - EINECS/ELINCS** Complies

Canada - DSL/NDSL Complies

US - TSCA Complies

US - TSCA 12(b) Export Notification Not listed.

Australia - AICS Complies

Japan - ENCS Complies

Korea - KECI Complies

China - IECSC Complies

Philippines – PICCS Complies

New Zealand - NZIOC Complies

Taiwan - TCSI Complies

SECTION 16: Other information

Revision date	01/02/2021
Revision	3
Supersedes date	09/10/2018
SDS number	5008
Hazard 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. 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.

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Product Specification

PRODUCT DETAILS			
Product Name	TEA TREE CHINESE		
Product Code	OETEATREE		
Tariff Number	3301-2949-00		
INCI name	Melaleuca alternifolia oil		
Natural Status	We hereby declare, to the best of our knowledge and from information received from our supplier, that this product is in accordance to the requirements of Articles 3 (2) (d) of Regulation (EC) 1334/2008 and therefore can be designated as natural.		
Kosher Certified	Yes		
Halal Certified	We hereby delcare, from information received from our supplier, that this product does not contain any ingredient derived from animal origin, extracted from hair or feathers, animal fats, animal extracts, blood of any origin, blood plasma, pork and/or other meat products. This product does not contain alcohol (ethanol or grain alcohol) and has not been used in the manufacturing process.		
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modifed organisms.		
Manufacturing Process	Steam distillation of twigs and branch	nes of Melaleuca alternfolia	
Identification	CAS No: 85085-48-9	EINECS No: 285-377-1	
	Alternative Cas: 68647-73-4	FEMA: 3902	
PHYSICAL AND CHEMICAL	CHARACTERISTIC	· · ·	
Appearance	Liquid		
Colour	Colourless to pale yellow		
Odour	Camphoraceous		
Relative Density @ 20°c	0.8850 - 0.9060		
Refractive Index @ 20°c	1.4730 - 1.4820		
Flash Point °C	56-59°c		
Optical Rotation °	+5 to +15		
Hydrocarbon content	50%		
Auto Ignition Temperature	269°c		
FRAGRANCE ALLERGENS			
Limonene (5989-54-8) 0.5-4%	Linalool (78-70-6) <1%	Geraniol (106-24-1) Traces	
FOOD ALLERGENS			
NONE PRESENT			
IFRA			
Methyl Eugenol (93-15-2) <0.05%			
STORAGE AND SHELF LIFE	-•		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry		
Shelf Life	36 months unopened and stored as above.		

Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where we make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.

Vegan and Vegetarian Statement

IDENTIFICATION		
Product:	Tea Tree Chinese	
Cas No:	85085-48-9	
EINECS No:	285-377-1	
	STATEMENT	
We from informat	ion received from our supplier, hereby declare that the material	
We, from information received from our supplier, hereby declare that the material listed above is compliant with a vegan or vegetarian diet.		
It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.		
This document represe	ents to the best of our knowledge and from information received from our supplier. It	
does not release the b	uyer from the obligation to carry out an examination of the goods received. All uses	