

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form	: Mixture
Product name	: Avocado & Mint
UFI	:
Product code	: VYTV-729J-000H-6MJJP :
Type of product	: Perfumes, fragrances
Product group	: Finished Good

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Main use category	: Industrial use, Professional use
Industrial/Professional use spec	: Industrial For professional use only
Use of the substance/mixture	: Perfumes, fragrances
Function or use category	: Odour agents

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

ZEN AROMA  
22c Portside Drive  
Mt Maunganui, 3116  
New Zealand  
PH: 07 578 4755  
support@zenaroma.co.nz

#### 1.4. Emergency telephone number

Emergency number 0800 764 766 NZ Poisons Centre

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity (oral), Category 4	H302
Skin corrosion/irritation, Category 2	H315
Skin sensitisation, Category 1	H317
Hazardous to the aquatic environment — Chronic Hazard, Category 2	H411

Full text of H statements : see section 16

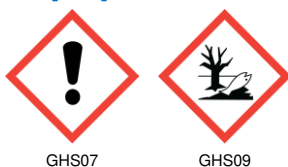
##### Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word (CLP) :

Warning

Hazardous ingredients

: Benzyl benzoate; Linalool; 2-Hydroxybenzoic acid, benzyl ester; Citral pure; Lemon oil ; Orange oil ; trans-Anethole (food grade); L-Carvone; Cyclamal; Geranyl acetate; Triplal (Vertocitral); Sage oil, spansih; Melonal; Helional; Clove leaf oil ; Isomenthone; Geranium oil Egyptian ; Geranyl formate; Citronellol pure; Guaiyl acetate

Hazard statements (CLP)

: H302 - Harmful if swallowed.

# Avocado & Mint

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Precautionary statements (CLP)	<p>H315 - Causes skin irritation.            H317 - May cause an allergic skin reaction.            H411 - Toxic to aquatic life with long lasting effects.</p> <p>: P264 - Wash hands thoroughly after handling            P270 - Do not eat, drink or smoke when using this product.            P272 - Contaminated work clothing should not be allowed out of the workplace.            P273 - Avoid release to the environment.            P280 - Wear protective gloves/protective clothing/eye protection/face protection.            P301+P312 - IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.</p>
--------------------------------	--

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Benzyl benzoate	(CAS-No.) 120-51-4 (EC-No.) 204-402-9 (EC Index-No.) 607-085-00-9 (REACH-no) 01-2119976371-33	39.88 - 59.88	Acute Tox. 4 (Oral), H302 Aquatic Chronic 2, H411
Linalool	(CAS-No.) 78-70-6 (EC-No.) 201-134-4 (EC Index-No.) 603-235-00-2 (REACH-no) 01-2119474016-42	2.11 - 4.11	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Terpineol	(CAS-No.) 8000-41-7 (EC-No.) 232-268-1	2 - 4	Eye Irrit. 2, H319 Skin Irrit. 2, H315
2-Hydroxybenzoic acid, benzyl ester	(CAS-No.) 118-58-1 (EC-No.) 204-262-9	1.875 - 3.75	Skin Sens. 1B, H317 Aquatic Chronic 3, H412
Citral pure	(CAS-No.) 5392-40-5 (EC-No.) 226-394-6 (EC Index-No.) 605-019-00-3	1.5 - 3	Skin Irrit. 2, H315 Skin Sens. 1, H317
Benzyl acetate	(CAS-No.) 140-11-4 (EC-No.) 205-399-7 (REACH-no) 01-2119638272-42	1.375 - 2.75	Aquatic Chronic 3, H412
Lemon oil	(CAS-No.) 8008-56-8 (EC-No.) 284-515-8;616-925-3	1 - 2	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410
1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one	(CAS-No.) 76-22-2 (EC-No.) 200-945-0	1 - 2	Flam. Sol. 2, H228 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 STOT SE 2, H371
Orange oil	(CAS-No.) 8008-57-9 (EC-No.) 232-433-8 (REACH-no) 01-2119493353-35	0.75 - 1.5	Asp. Tox. 1, H304 Aquatic Chronic 2, H411 Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317
Menthol Crystals	(CAS-No.) 1490-04-6 (EC-No.) 216-074-4	0.625 - 1.25	Eye Irrit. 2, H319 Skin Irrit. 2, H315
trans-Anethole (food grade)	(CAS-No.) 4180-23-8 (EC-No.) 224-052-0	0.5 - 1	Skin Sens. 1B, H317 Aquatic Chronic 2, H411
L-Carvone	(CAS-No.) 6485-40-1 (EC-No.) 229-352-5 (EC Index-No.) 606-148-00-8	0.5 - 1	Acute Tox. 4 (Oral), H302 Skin Sens. 1B, H317
Cyclamal	(CAS-No.) 103-95-7 (EC-No.) 203-161-7	0.25 - 0.5	Aquatic Chronic 3, H412 Skin Irrit. 2, H315 Skin Sens. 1B, H317
Geranyl acetate	(CAS-No.) 105-87-3 (EC-No.) 203-341-5	0.205 - 0.41	Aquatic Chronic 3, H412 Skin Irrit. 2, H315 Skin Sens. 1, H317
Triplal (Vertocitral)	(CAS-No.) 68039-49-6 (EC-No.) 268-264-1	0.2 - 0.4	Eye Irrit. 2, H319 Aquatic Chronic 2, H411 Skin Irrit. 2, H315 Skin Sens. 1B, H317

# Avocado & Mint

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Sage oil, spansih	(CAS-No.) 90106-49-3 (EC-No.) 290-272-9	0.15 - 0.3	Asp. Tox. 1, H304 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT SE 2, H371
Melonal	(CAS-No.) 106-72-9 (EC-No.) 203-427-2	0.1 - 0.2	Skin Sens. 1B, H317
Helional	(CAS-No.) 1205-17-0 (EC-No.) 214-881-6	0.1 - 0.2	Skin Sens. 1B, H317 Aquatic Chronic 2, H411
Clove leaf oil	(CAS-No.) 8000-34-8 (EC-No.) 616-772-2	0.1 - 0.2	Eye Irrit. 2, H319 Skin Sens. 1, H317 Asp. Tox. 1, H304
Isomenthone	(CAS-No.) 491-07-6 (EC-No.) 207-727-4	0.055 - 0.11	Skin Irrit. 2, H315 Skin Sens. 1B, H317
Diphenyl oxide	(CAS-No.) 101-84-8 (EC-No.) 202-981-2 (REACH-no) 01-2119472545-33	0.055 - 0.11	Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Geranium oil Egyptian	(CAS-No.) 8000-46-2 (EC-No.) 290-140-0	0.055 - 0.11	Eye Dam. 1, H318 Aquatic Chronic 2, H411 Skin Irrit. 2, H315 Skin Sens. 1, H317
Geranyl formate	(CAS-No.) 105-86-2 (EC-No.) 203-339-4	0.055 - 0.11	Aquatic Acute 1, H400 Aquatic Chronic 2, H411 Skin Sens. 1B, H317
Citronellol pure	(CAS-No.) 106-22-9 (EC-No.) 203-375-0	0.055 - 0.11	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1B, H317
Rose oxide	(CAS-No.) 16409-43-1 (EC-No.) 240-457-5	0.055 - 0.11	Eye Irrit. 2, H319 Repr. 2, H361 Skin Irrit. 2, H315
Guaiyl acetate	(CAS-No.) 134-28-1 (EC-No.) 205-135-0	0.055 - 0.11	Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Skin Irrit. 2, H315 Skin Sens. 1B, H317

Allergen report available upon request.

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

#### 4.2. Most important symptoms and effects, both acute and delayed

No additional information available

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

# Avocado & Mint

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.  
Storage temperature : 25 °C  
Storage area : Store in a well-ventilated place. Store away from heat.  
Special rules on packaging : Store in a closed container.  
Packaging materials : Do not store in corrodable metal.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Benzyl benzoate (120-51-4)		
USA - NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	<=
Citral pure (5392-40-5)		
Belgium	Limit value (mg/m <sup>3</sup> )	32 mg/m <sup>3</sup> (vapor and aerosol)
Belgium	Limit value (ppm)	5 ppm (vapor and aerosol)
Ireland	OEL (8 hours ref) (ppm)	5 ppm
Ireland	OEL (15 min ref) (ppm)	15 ppm (calculated)
Poland	NDS (mg/m <sup>3</sup> )	27 mg/m <sup>3</sup>
Poland	NDSCh (mg/m <sup>3</sup> )	54 mg/m <sup>3</sup>
Spain	VLA-ED (ppm)	5 ppm (inhalable fraction and vapor)
USA - ACGIH	ACGIH TWA (ppm)	5 ppm (inhalable fraction and vapor)
Benzyl acetate (140-11-4)		
Belgium	Limit value (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup>
Belgium	Limit value (ppm)	10 ppm
Denmark	Grænseværdie (langvarig) (mg/m <sup>3</sup> )	61 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (ppm)	10 ppm
Ireland	OEL (8 hours ref) (ppm)	10 ppm
Ireland	OEL (15 min ref) (ppm)	30 ppm (calculated)
Latvia	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Lithuania	IPRV (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Portugal	OEL TWA (ppm)	10 ppm
Romania	OEL TWA (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
Romania	OEL TWA (ppm)	8 ppm
Romania	OEL STEL (mg/m <sup>3</sup> )	80 mg/m <sup>3</sup>
Romania	OEL STEL (ppm)	13 ppm
Spain	VLA-ED (mg/m <sup>3</sup> )	62 mg/m <sup>3</sup>
Spain	VLA-ED (ppm)	10 ppm
USA - ACGIH	ACGIH TWA (ppm)	10 ppm

# Avocado & Mint

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

<b>1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one (76-22-2)</b>		
Austria	MAK (mg/m <sup>3</sup> )	13 mg/m <sup>3</sup>
Austria	MAK (ppm)	2 ppm
Belgium	Limit value (mg/m <sup>3</sup> )	12 mg/m <sup>3</sup>
Belgium	Limit value (ppm)	2 ppm
Belgium	Short time value (mg/m <sup>3</sup> )	19 mg/m <sup>3</sup>
Belgium	Short time value (ppm)	3 ppm
Bulgaria	OEL TWA (mg/m <sup>3</sup> )	12 mg/m <sup>3</sup>
Bulgaria	OEL STEL (mg/m <sup>3</sup> )	18 mg/m <sup>3</sup>
Croatia	GVI (granična vrijednost izloženosti) (mg/m <sup>3</sup> )	13 mg/m <sup>3</sup>
Croatia	GVI (granična vrijednost izloženosti) (ppm)	2 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m <sup>3</sup> )	19 mg/m <sup>3</sup>
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	3 ppm
Denmark	Grænseværdie (langvarig) (mg/m <sup>3</sup> )	12 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (ppm)	2 ppm
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	1.9 mg/m <sup>3</sup>
Finland	HTP-arvo (8h) (ppm)	0.3 ppm
Finland	HTP-arvo (15 min)	5.7 mg/m <sup>3</sup>
Finland	HTP-arvo (15 min) (ppm)	0.9 ppm
France	VME (mg/m <sup>3</sup> )	12 mg/m <sup>3</sup>
France	VME (ppm)	2 ppm
Greece	OEL TWA (mg/m <sup>3</sup> )	12 mg/m <sup>3</sup>
Greece	OEL STEL (mg/m <sup>3</sup> )	18 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	12 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (ppm)	2 ppm
Ireland	OEL (15 min ref) (mg/m <sup>3</sup> )	18 mg/m <sup>3</sup>
Ireland	OEL (15 min ref) (ppm)	3 ppm
Lithuania	IPRV (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>
Poland	NDS (mg/m <sup>3</sup> )	12 mg/m <sup>3</sup>
Poland	NDSch (mg/m <sup>3</sup> )	18 mg/m <sup>3</sup>
Portugal	OEL TWA (ppm)	2 ppm
Portugal	OEL STEL (ppm)	3 ppm
Romania	OEL TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
Romania	OEL TWA (ppm)	6 ppm
Romania	OEL STEL (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>
Romania	OEL STEL (ppm)	18 ppm
Slovakia	NPHV (priemerná) (mg/m <sup>3</sup> )	13 mg/m <sup>3</sup>
Slovakia	NPHV (priemerná) (ppm)	2 ppm
Slovakia	NPHV (Hraničná) (mg/m <sup>3</sup> )	26 mg/m <sup>3</sup>
Spain	VLA-ED (mg/m <sup>3</sup> )	13 mg/m <sup>3</sup>
Spain	VLA-ED (ppm)	2 ppm
Spain	VLA-EC (mg/m <sup>3</sup> )	19 mg/m <sup>3</sup>
Spain	VLA-EC (ppm)	3 ppm
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	13 mg/m <sup>3</sup>
United Kingdom	WEL TWA (ppm)	2 ppm
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	19 mg/m <sup>3</sup>
United Kingdom	WEL STEL (ppm)	3 ppm
Norway	Grænseverdier (AN) (mg/m <sup>3</sup> )	12 mg/m <sup>3</sup>
Norway	Grænseverdier (AN) (ppm)	2 ppm
Norway	Grænseverdier (Korttidsverdi) (mg/m <sup>3</sup> )	18 mg/m <sup>3</sup> (synthetic)
Norway	Grænseverdier (Korttidsverdi) (ppm)	4 ppm (synthetic)
Switzerland	MAK (mg/m <sup>3</sup> )	13 mg/m <sup>3</sup>
Switzerland	MAK (ppm)	2 ppm (aerosol, vapour)

# Avocado & Mint

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

<b>1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one (76-22-2)</b>		
Australia	TWA (mg/m <sup>3</sup> )	12 mg/m <sup>3</sup>
Australia	TWA (ppm)	2 ppm
Australia	STEL (mg/m <sup>3</sup> )	19 mg/m <sup>3</sup>
Australia	STEL (ppm)	3 ppm
Canada (Quebec)	VECD (mg/m <sup>3</sup> )	19 mg/m <sup>3</sup> (synthetic)
Canada (Quebec)	VECD (ppm)	3 ppm (synthetic)
Canada (Quebec)	VEMP (mg/m <sup>3</sup> )	12 mg/m <sup>3</sup> (synthetic)
Canada (Quebec)	VEMP (ppm)	2 ppm (synthetic)
USA - ACGIH	ACGIH TWA (ppm)	2 ppm (synthetic)
USA - ACGIH	ACGIH STEL (ppm)	3 ppm (synthetic)
USA - IDLH	US IDLH (mg/m <sup>3</sup> )	200 mg/m <sup>3</sup> (synthetic)
USA - NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup> (synthetic)
USA - OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
<b>Diphenyl oxide (101-84-8)</b>		
EU	IOELV TWA (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	1 ppm
EU	IOELV STEL (mg/m <sup>3</sup> )	14 mg/m <sup>3</sup>
EU	IOELV STEL (ppm)	2 ppm
Austria	MAK (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup>
Austria	MAK (ppm)	1 ppm
Austria	MAK Short time value (mg/m <sup>3</sup> )	14 mg/m <sup>3</sup>
Austria	MAK Short time value (ppm)	2 ppm
Belgium	Limit value (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup> (vapor)
Belgium	Limit value (ppm)	1 ppm (vapor)
Belgium	Short time value (mg/m <sup>3</sup> )	14 mg/m <sup>3</sup> (vapor)
Belgium	Short time value (ppm)	2 ppm (vapor)
Bulgaria	OEL TWA (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup>
Bulgaria	OEL TWA (ppm)	1 ppm
Bulgaria	OEL STEL (mg/m <sup>3</sup> )	14 mg/m <sup>3</sup>
Bulgaria	OEL STEL (ppm)	2 ppm
Croatia	GVI (granična vrijednost izloženosti) (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup>
Croatia	GVI (granična vrijednost izloženosti) (ppm)	1 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m <sup>3</sup> )	14 mg/m <sup>3</sup>
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	2 ppm
Cyprus	OEL TWA (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup>
Cyprus	OEL TWA (ppm)	1 ppm
Cyprus	OEL STEL (mg/m <sup>3</sup> )	14 mg/m <sup>3</sup>
Cyprus	OEL STEL (ppm)	2 ppm
Czech Republic	Expoziční limity (PEL) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup>
Denmark	Grænseværdie (langvarig) (ppm)	1 ppm
Estonia	OEL TWA (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup>
Estonia	OEL TWA (ppm)	1 ppm
Estonia	OEL STEL (mg/m <sup>3</sup> )	14 mg/m <sup>3</sup>
Estonia	OEL STEL (ppm)	2 ppm
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup>
Finland	HTP-arvo (8h) (ppm)	1 ppm
Finland	HTP-arvo (15 min)	14 mg/m <sup>3</sup>
Finland	HTP-arvo (15 min) (ppm)	2 ppm
France	VME (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup>
France	VME (ppm)	1 ppm
Germany	TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> )	7.1 mg/m <sup>3</sup> (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor)

# Avocado & Mint

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

<b>Diphenyl oxide (101-84-8)</b>		
Germany	TRGS 900 Occupational exposure limit value (ppm)	1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-vapor)
Gibraltar	Eight hours mg/m <sup>3</sup>	7 mg/m <sup>3</sup>
Gibraltar	Eight hours ppm	1 ppm
Gibraltar	Short-term mg/m <sup>3</sup>	14 mg/m <sup>3</sup>
Gibraltar	Short-term ppm	200 ppm
Greece	OEL TWA (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup>
Greece	OEL TWA (ppm)	1 ppm
Greece	OEL STEL (mg/m <sup>3</sup> )	14 mg/m <sup>3</sup>
Greece	OEL STEL (ppm)	2 ppm
Hungary	AK-érték	7 mg/m <sup>3</sup>
Hungary	CK-érték	14 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup> (vapour)
Ireland	OEL (8 hours ref) (ppm)	1 ppm (vapour)
Ireland	OEL (15 min ref) (mg/m <sup>3</sup> )	14 mg/m <sup>3</sup> (vapour)
Ireland	OEL (15 min ref) (ppm)	2 ppm (vapour)
Latvia	OEL TWA (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup>
Latvia	OEL TWA (ppm)	1 ppm
Lithuania	IPRV (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup>
Lithuania	IPRV (ppm)	1 ppm
Lithuania	TPRV (mg/m <sup>3</sup> )	14 mg/m <sup>3</sup>
Lithuania	TPRV (ppm)	2 ppm
Luxembourg	OEL TWA (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup>
Luxembourg	OEL TWA (ppm)	1 ppm
Luxembourg	OEL STEL (mg/m <sup>3</sup> )	14 mg/m <sup>3</sup>
Luxembourg	OEL STEL (ppm)	2 ppm
Malta	OEL TWA (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup>
Malta	OEL TWA (ppm)	1 ppm
Malta	OEL STEL (mg/m <sup>3</sup> )	14 mg/m <sup>3</sup>
Malta	OEL STEL (ppm)	2 ppm
Netherlands	Grenswaarde TGG 8H (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup>
Netherlands	Grenswaarde TGG 15MIN (mg/m <sup>3</sup> )	14 mg/m <sup>3</sup>
Poland	NDS (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup>
Poland	NDSCh (mg/m <sup>3</sup> )	14 mg/m <sup>3</sup>
Portugal	OEL TWA (ppm)	1 ppm (vapor)
Portugal	OEL STEL (ppm)	2 ppm (vapor)
Romania	OEL TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Romania	OEL TWA (ppm)	0.7 ppm
Romania	OEL STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
Romania	OEL STEL (ppm)	1.4 ppm
Slovakia	NPHV (priemerná) (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup>
Slovakia	NPHV (priemerná) (ppm)	1 ppm
Slovakia	NPHV (Hraničná) (mg/m <sup>3</sup> )	7.1 mg/m <sup>3</sup>
Slovenia	OEL TWA (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup>
Slovenia	OEL TWA (ppm)	1 ppm
Slovenia	OEL STEL (mg/m <sup>3</sup> )	14 mg/m <sup>3</sup>
Slovenia	OEL STEL (ppm)	2 ppm
Spain	VLA-ED (mg/m <sup>3</sup> )	7.1 mg/m <sup>3</sup> (vapor)
Spain	VLA-ED (ppm)	1 ppm (vapor)
Spain	VLA-EC (mg/m <sup>3</sup> )	14.2 mg/m <sup>3</sup> (vapor)
Spain	VLA-EC (ppm)	2 ppm (vapor)

# Avocado & Mint

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

<b>Diphenyl oxide (101-84-8)</b>		
Sweden	nivågränsvärde (NVG) (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup>
Sweden	nivågränsvärde (NVG) (ppm)	1 ppm
Sweden	kortidsvärde (KTV) (mg/m <sup>3</sup> )	14 mg/m <sup>3</sup>
Sweden	kortidsvärde (KTV) (ppm)	2 ppm
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	7.1 mg/m <sup>3</sup> (vapour)
United Kingdom	WEL TWA (ppm)	1 ppm (vapour)
United Kingdom	WEL STEL (mg/m <sup>3</sup> )	21.3 mg/m <sup>3</sup> (calculated-vapour)
United Kingdom	WEL STEL (ppm)	3 ppm (calculated-vapour)
Norway	Grenseverdier (AN) (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup>
Norway	Grenseverdier (AN) (ppm)	1 ppm
Norway	Grenseverdier (Kortidsverdi) (mg/m <sup>3</sup> )	14 mg/m <sup>3</sup> (value calculated)
Norway	Grenseverdier (Kortidsverdi) (ppm)	2 ppm (value calculated)
Switzerland	MAK (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup> (aerosol, vapour)
Switzerland	MAK (ppm)	1 ppm (aerosol, vapour)
Switzerland	KZGW (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup> (aerosol, vapour)
Switzerland	KZGW (ppm)	1 ppm (aerosol, vapour)
Australia	TWA (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup> (vapour)
Australia	TWA (ppm)	1 ppm (vapour)
Australia	STEL (mg/m <sup>3</sup> )	14 mg/m <sup>3</sup> (vapour)
Australia	STEL (ppm)	2 ppm (vapour)
Canada (Quebec)	VECD (mg/m <sup>3</sup> )	14 mg/m <sup>3</sup> (vapour)
Canada (Quebec)	VECD (ppm)	2 ppm (vapour)
Canada (Quebec)	VEMP (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup> (vapour)
Canada (Quebec)	VEMP (ppm)	1 ppm (vapour)
USA - ACGIH	ACGIH TWA (ppm)	1 ppm (vapor)
USA - ACGIH	ACGIH STEL (ppm)	2 ppm (vapor)
USA - IDLH	US IDLH (ppm)	100 ppm (vapor)
USA - NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup> (vapor)
USA - NIOSH	NIOSH REL (TWA) (ppm)	1 ppm (vapor)
USA - OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	7 mg/m <sup>3</sup> (vapor)
USA - OSHA	OSHA PEL (TWA) (ppm)	1 ppm (vapor)

### 8.2. Exposure controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Hand protection	: Protective gloves
Eye protection	: Safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment
Environmental exposure controls	: Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: light yellow. amber.
Odour	: characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available



# Avocado & Mint

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Flash point	: > 95 °C (closed cup) ASTM D7094
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: ≈ 1.1
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Harmful if swallowed.

ATE CLP (oral)	795.165 mg/kg bodyweight
----------------	--------------------------

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

# Avocado & Mint

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

UN-No. (ADR) : 3082  
UN-No. (IMDG) : 3082  
UN-No. (IATA) : 3082  
UN-No. (ADN) : 3082  
UN-No. (RID) : 3082

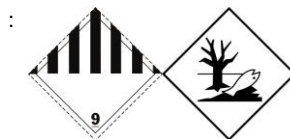
### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
Proper Shipping Name (IATA) : Environmentally hazardous substance, liquid, n.o.s.  
Proper Shipping Name (ADN) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
Proper Shipping Name (RID) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
Transport document description (ADR) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Lemon oil), 9, III, (-)  
Transport document description (IMDG) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Lemon oil), 9, III, MARINE POLLUTANT  
Transport document description (IATA) : UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Lemon oil), 9, III  
Transport document description (ADN) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III  
Transport document description (RID) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : 9  
Danger labels (ADR) : 9



#### IMDG

Transport hazard class(es) (IMDG) : 9  
Danger labels (IMDG) : 9



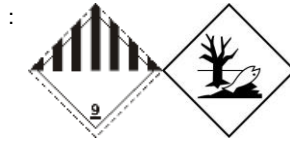
#### IATA

Transport hazard class(es) (IATA) : 9  
Hazard labels (IATA) : 9

# Avocado & Mint

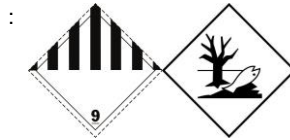
## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830



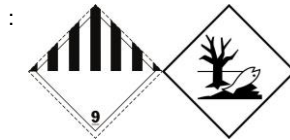
### ADN

Transport hazard class(es) (ADN) : 9  
 Danger labels (ADN) : 9



### RID

Transport hazard class(es) (RID) : 9  
 Danger labels (RID) : 9



### 14.4. Packing group

Packing group (ADR) : III  
 Packing group (IMDG) : III  
 Packing group (IATA) : III  
 Packing group (ADN) : III  
 Packing group (RID) : III

### 14.5. Environmental hazards

Dangerous for the environment : Yes  
 Marine pollutant : Yes  
 Other information : No supplementary information available

### 14.6. Special precautions for user

#### - Overland transport

Classification code (ADR) : M6  
 Special provisions (ADR) : 274, 335, 375, 601  
 Limited quantities (ADR) : 5I  
 Excepted quantities (ADR) : E1  
 Packing instructions (ADR) : P001, IBC03, LP01, R001  
 Special packing provisions (ADR) : PP1  
 Mixed packing provisions (ADR) : MP19  
 Portable tank and bulk container instructions (ADR) : T4  
 Portable tank and bulk container special provisions (ADR) : TP1, TP29  
 Tank code (ADR) : LGBV  
 Vehicle for tank carriage : AT  
 Transport category (ADR) : 3  
 Special provisions for carriage - Packages (ADR) : V12  
 Special provisions for carriage - Loading, unloading and handling (ADR) : CV13  
 Hazard identification number (Kemler No.) : 90

# Avocado & Mint

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Orange plates : 

Tunnel restriction code (ADR) : -  
EAC code : •3Z

### - Transport by sea

Special provisions (IMDG) : 274, 335, 969  
Limited quantities (IMDG) : 5 L  
Excepted quantities (IMDG) : E1  
Packing instructions (IMDG) : LP01, P001  
Special packing provisions (IMDG) : PP1  
IBC packing instructions (IMDG) : IBC03  
Tank instructions (IMDG) : T4  
Tank special provisions (IMDG) : TP2, TP29  
EmS-No. (Fire) : F-A  
EmS-No. (Spillage) : S-F  
Stowage category (IMDG) : A

### - Air transport

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y964  
PCA limited quantity max net quantity (IATA) : 30kgG  
PCA packing instructions (IATA) : 964  
PCA max net quantity (IATA) : 450L  
CAO packing instructions (IATA) : 964  
CAO max net quantity (IATA) : 450L  
Special provisions (IATA) : A97, A158, A197  
ERG code (IATA) : 9L

### - Inland waterway transport

Classification code (ADN) : M6  
Special provisions (ADN) : 274, 335, 375, 601  
Limited quantities (ADN) : 5 L  
Excepted quantities (ADN) : E1  
Carriage permitted (ADN) : T  
Equipment required (ADN) : PP  
Number of blue cones/lights (ADN) : 0

### - Rail transport

Classification code (RID) : M6  
Special provisions (RID) : 274, 335, 375, 601  
Limited quantities (RID) : 5L  
Excepted quantities (RID) : E1  
Packing instructions (RID) : P001, IBC03, LP01, R001  
Special packing provisions (RID) : PP1  
Mixed packing provisions (RID) : MP19  
Portable tank and bulk container instructions (RID) : T4  
Portable tank and bulk container special provisions (RID) : TP1, TP29  
Tank codes for RID tanks (RID) : LGBV  
Transport category (RID) : 3  
Special provisions for carriage – Packages (RID) : W12  
Special provisions for carriage - Loading, unloading and handling (RID) : CW13, CW31  
Colis express (express parcels) (RID) : CE8  
Hazard identification number (RID) : 90

# Avocado & Mint

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3(a) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F	Lemon oil ; Orange oil ; Sage oil, spansih
3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	Avocado & Mint ; Benzyl benzoate ; Linalool ; Terpineol ; 2-Hydroxybenzoic acid, benzyl ester ; Citral pure ; Lemon oil ; Orange oil ; trans-Anethole (food grade) ; L-Carvone ; Cyclamal ; Geranyl acetate ; Triplal (Vertocitral) ; Sage oil, spansih ; Melonal ; Helional ; Clove leaf oil ; Isomenthone ; Geranium oil Egyptian ; Geranyl formate ; Citronellol pure ; Rose oxide
3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	Avocado & Mint ; Benzyl benzoate ; 2-Hydroxybenzoic acid, benzyl ester ; Benzyl acetate ; Lemon oil ; Orange oil ; trans-Anethole (food grade) ; Cyclamal ; Geranyl acetate ; Triplal (Vertocitral) ; Sage oil, spansih ; Helional ; Geranium oil Egyptian ; Geranyl formate
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	Lemon oil ; 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one ; Orange oil ; Sage oil, spansih

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

##### Germany

Reference to AwSV : Water hazard class (WGK) 2, Significantly hazardous to water (Classification according to AwSV, Annex 1)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

##### Netherlands

SZW-lijst van kankerverwekkende stoffen : Terpineol, Lemon oil , Orange oil , Triplal (Vertocitral) are listed

SZW-lijst van mutagene stoffen : Terpineol, Lemon oil , Orange oil , Triplal (Vertocitral) are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

##### Denmark

Classification remarks : Emergency management guidelines for the storage of flammable liquids must be followed

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4

# Avocado & Mint

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Flam. Sol. 2	Flammable solids, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT SE 2	Specific target organ toxicity — Single exposure, Category 2
H226	Flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H361	Suspected of damaging fertility or the unborn child.
H371	May cause damage to organs.
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.
H412	Harmful to aquatic life with long lasting effects.

### Safety Data Sheet (SDS), New Zealand

The data contained in this Safety Data Sheet is accurate to the best knowledge of Zen Aroma applies to the product as supplied by Zen Aroma and does not relate to use in combination with any other material or in any process. Data and information is furnished without warranty expressed or implied, nor does Zen Aroma assume responsibility for use or reliance upon this data. This SDS is current to the date listed above. However, the GHS classifications may change due to hazard communication updates by the overseeing governing body. For the most current SDS information please contact support@zenaroma.co.nz