## **Certificate of Analysis**

PRODUCT DETAILS					
Product Name		Peppermint Premium			
		OEPEPPPREM			
INCI Name		Mentha Piperita			
Manufacturer Date		December2023			
Expiry Date		December2026			
Batch Number		4526512			
				•	
Identification		CAS No: 84082-70-2		EINECS No: 282-015-4	
		Alternative Cas: 8006-90-4		FEMa Number: 2848	
PHYSICAL AND CHEMI	CAL CHA	RACTERISTIC			
		SPECIFICATION RAN	GE	RESULTS	
Appearance		Liquid Conforms			
Colour		Clear - Colourless mobile liquid Conforms			
Odour		Fresh, cooling mint		Conforms	
Melting Point		Clear mobile liquid @ 20°c.		Conforms	
Relative Density @ 20°c		0.898 - 0.916		0.901	
Optical Rotation		-30 to -10c -23.45			
Refractive Index @ 20°c		1.457 - 1.467 <b>1.4613</b>			
Total Menthol content Max 55%			40.10%		
MAIN CONSTITUENTS					
CONSTITUENT RANGE	RESULT	CONSTITUENT RANGE	RESULT	CONSTITUENT RANGE	RESULT
L-Menthol <b>30-55%</b>	40.10%	Trans-Menthone 12-33%	24.51%	1,8 Cineole <b>2-10%</b>	4.78%
1-Menthylacetate 2-10%		d,I-Isomenthone <b>1-6%</b>	4.36%	Limonene <b>0.01-3%</b>	2.33%
Menthyl Acteate 2-10%	5.13%	Pulegone <b>0.01-4%</b>	1.03%	Menthofuran 0.01-9%	1.70%
STORAGE AND SHELF L	IFE				
Storage		Store in tightly closed container with minimum headspace in a cool, dark			
		and dry place.			
Shelf Life		36 months unopened and stored as above.			

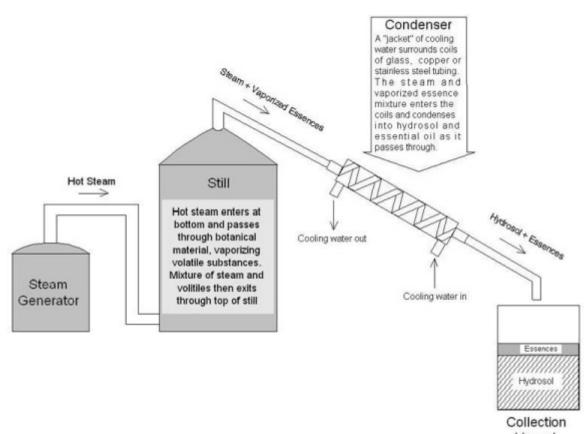
DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the Company's knowledge and belief, accurate and reliable as of the date indicated. 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 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.

M6 1GF

Tel: +44(0)1279876666 Fax: +44(0)1279876646 Email: info@globalessenceuk.com

**Peppermint Premium CHINA/INDIA** 

**FLOW CHART** 



Vessel

### SAFETY DATA SHEET Peppermint Premium (MENTHA **PIPERITA**)

SECTION 1: Identification of t	he substance/mixture and of the company/undertaking
1.1. Product identifier	
Product name	Peppermint Premium
Product number	OEPIPEMENT
Synonyms; trade names	Mentha Piperita, Peppermint Oil, Peppermint Ext
REACH registration number	01-2119974601-36-XXXX
CAS number	84082-70-2
Alternative Cas Number	8006-90-4
EC number	282-015-4
FEMA No:	2848
1.2. Relevant identified uses of	f the substance or mixture and uses advised against
Identified uses	- Fragrance
1.3. Details of the supplier of t	<u>he safety data sheet</u>
Supplier	Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate Fordingbridge SP6 1PA Tel. +44 1425 655 555 technical@madarcorporation.co.uk

#### 1.4. Emergency telephone number

SECTION 2: Hazards identific	cation
2.1. Classification of the subs	tance or mixture
Classification (EC 1272/2008)	
Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317
Environmental hazards	Aquatic Chronic 3 - H412
Human health	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.
Environmental	The product contains a substance which is harmful to aquatic organisms.
2.2. Label elements	
EC number	282-015-4
1:	9-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk

Page 3 of 16

#### Hazard pictograms



Signal word	Warning
Hazard statements	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	<ul> <li>P273 Avoid release to the environment.</li> <li>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</li> <li>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P262 Do not get in eyes, on skin, or on clothing.</li> <li>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.</li> <li>P331 Do NOT induce vomiting.</li> </ul>
Contains	trans-menthone, 1, 8 cineole, d,l-Isomenthone, (S)-p-mentha-1,8-diene, Beta Caryophyllene, Alpha Pinene, Beta Pinene, Sabinene, 7-methyl-3-methyleneocta-1,6-diene
Supplementary precautionary statements	<ul> <li>P261 Avoid breathing vapour/ spray.</li> <li>P264 Wash contaminated skin thoroughly after handling.</li> <li>P272 Contaminated work clothing should not be allowed out of the workplace.</li> <li>P302+P352 IF ON SKIN: Wash with plenty of water.</li> <li>P321 Specific treatment (see medical advice on this label).</li> <li>P332+P313 If skin irritation occurs: Get medical advice/ attention.</li> <li>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</li> <li>P337+P313 If eye irritation persists: Get medical advice/ attention.</li> <li>P362+P364 Take off contaminated clothing and wash it before reuse.</li> <li>P501 Dispose of contents/ container in accordance with national regulations.</li> </ul>

#### 2.3. Other hazards

SECTION 3: Composition/information on ingredients		
3.2. Mixtures		
L-Menthol		>= 30 <=55
CAS number: 2216-51-5	EC number: 218-690-9	
Classification		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
trans-menthone		>=12 <=33
CAS number: 89-80-5	EC number: 201-941-1	
Classification		
Acute Tox. 4 - H302		
Aquatic Chronic 3 - H412		

1, 8 cineole		>=2 <=10
CAS number: 470-82-6	EC number: 207-431-5	
Classification		
Flam. Liq. 3 - H226		
Skin Sens. 1B - H317		
1-Menthylacetate(1alpha,2beta,5alpha	•	>=2 <=10
CAS number: 2623-23-6	EC number: 220-076-0	
Aquatic Chronic 2 - H411		
d,I-Isomenthone		>=1 <=6
CAS number: 491-07-6	EC number: 207-727-4	
Classification		
Skin Irrit. 2 - H315		
Skin Sens. 1B - H317		
menthyl acetate		2 - 10%
CAS number: 89-48-5	EC number: 201-911-8	
Classification		
Aquatic Chronic 2 - H411		
(S)-p-mentha-1,8-diene		>=0.01 <=3
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		
neo-menthol		>=2 <=8
CAS number: 2216-52-6	EC number: 218-691-4	
Classification		
Skin Irrit. 2 - H315		

		>-0.04
Beta Caryophyllene CAS number: 87-44-5	EC number: 201-746-1	>=0.01 <=3.5
Classification Skin Sens. 1B - H317 Asp. Tox. 1 - H304 Aquatic Chronic 4 - H413		
menthofuran		>=0.01 <=9
CAS number: 494-90-6	EC number: 207-795-5	
Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Aquatic Chronic 2 - H411		
Alpha Pinene		>=0.01 <=2
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		
Beta Pinene		>=0.01 <=2
CAS number: 127-91-3	EC number: 242-060-2	
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		
Sabinene		>=0.01 <=1.5
CAS number: 3387-41-5	EC number: 222-212-4	
Classification Acute Tox. 4 - H302		

7-methyl-3-methyleneocta-1,6-diene		>=0.01 <=1
CAS number: 123-35-3	EC number: 204-622-5	
Classification		
Flam. Liq. 3 - H226		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
Skin Sens. 1 - H317		
Asp. Tox. 1 - H304		
Aquatic Chronic 3 - H412		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### **SECTION 4: First aid measures**

4.1. Description of firs	at aid measures
Inhalation	Remove affected person from source of contamination. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Get medical attention immediately.
Skin contact	Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if irritation persists after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.

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

4.3. Indication of any immediate medical attention and special treatment needed			
SECTION 5: Firefighting meas	SECTION 5: Firefighting measures		
5.1. Extinguishing media			
Suitable extinguishing media	Extinguish with foam, carbon dioxide or dry powder.		
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		
Hazardous combustion products	Carbon dioxide (CO2). Organic compounds.		
5.3. Advice for firefighters			
Protective actions during firefighting	Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Avoid inhalation of vapours.		
Special protective equipment for firefighters	Use protective equipment appropriate for surrounding materials.		
SECTION 6: Accidental release measures			

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

Personal precautions	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No
	smoking. Avoid inhalation of vapours/spray and contact with skin and eyes. Provide adequate
	ventilation.

#### 6.2. Environmental precautions

Do not discharge into drains or watercourses or onto the ground. 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk **Environmental precautions** 

### Peppermint Premium (MENTHA PIPERITA)

6.3. Methods and material for	containment and cleaning up	
Methods for cleaning up	Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations. If spillage on water occurs, remove from the surface with suitable absorbent material. Dispose according to National and international Environmental regulations.	
6.4. Reference to other section	ns	
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	Avoid inhalation of vapours/spray and contact with skin and eyes. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not eat, drink or smoke when using this product.	
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.	
7.3. Specific end use(s)		
SECTION 8: Exposure contro	Is/Personal protection	
8.1. Control parameters		
	L-Menthol (CAS: 2216-51-5)	
DNEL	Workers - Inhalation; Long term systemic effects: 132 mg/m³ Workers - Dermal; Long term systemic effects: 19 mg/kg, bw/day General population - Inhalation; Long term systemic effects: 33 mg/m³ General population - Dermal; Long term systemic effects: 9.4 bw/day, mg/kg General population - Oral; Long term systemic effects: 9.4 bw/day, mg/kg	
PNEC	<ul> <li>Fresh water; Short term 15.6 mg/l</li> <li>Fresh water, Intermittent release; 156 mg/l</li> <li>marine water; Short term 1.56 mg/l</li> <li>STP; Short term 2.37 mg/l</li> <li>Sediment (Freshwater); Short term 28.9 mg/kg</li> <li>Sediment (Marinewater); Short term 28.9 mg/kg</li> <li>Soil; Short term 48.4 mg/kg</li> </ul>	
	1, 8 cineole (CAS: 470-82-6)	
DNEL	Workers - Inhalation; Long term systemic effects: 7.05 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 2 mg/kg, bw/day General population - Inhalation; Long term systemic effects: 1.74 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 1 mg/kg, bw/day General population - Oral; Long term systemic effects: 600 mg/kg, bw/day	
PNEC	<ul> <li>Fresh water; Short term 5.7 mg/l</li> <li>Intermittent release, Fresh water; 0.57 mg/l</li> <li>marine water; Short term 5.7 mg/l</li> <li>STP; Short term 10 mg/l</li> <li>Sediment (Freshwater); Short term 1.425 mg/kg</li> <li>Sediment (Marinewater); Short term 0.142 mg/kg</li> </ul>	

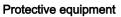
- Soil; Short term 0.25 mg/kg

#### menthyl acetate (CAS: 89-48-5)

DNEL	Workers - Inhalation; Long term systemic effects: 33.6 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 9.5 mg/kg, bw/day General population - Inhalation; Long term systemic effects: 8.3 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 4.8 bw/day, mg/kg General population - Oral; Long term systemic effects: 4.8 mg/kg, bw/day
PNEC	<ul> <li>Fresh water; Short term 2.7 mg/l</li> <li>marine water; Short term 0.27 mg/l</li> <li>STP; Short term 0.26 mg/l</li> <li>Sediment (Freshwater); Short term 0.434 mg/kg</li> <li>Sediment (Marinewater); Short term 0.043 mg/kg</li> <li>Soil; Short term 0.085 mg/kg</li> </ul>
	Alpha Pinene (CAS: 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	<ul> <li>Fresh water; Short term 0.606 mg/l</li> <li>Intermittent release, Fresh water; 3.03 mg/l</li> <li>marine water; Short term 0.061 mg/l</li> <li>marine water, Intermittent release; 0.303 mg/l</li> <li>STP; Short term 0.2 mg/l</li> <li>Sediment (Freshwater); Short term 157 mg/kg</li> <li>Sediment (Marinewater); Short term 15.7 mg/kg</li> <li>Soil; Short term 31.7 mg/kg</li> </ul>
	<u></u>
DNEL	Workers - Inhalation; Long term systemic effects: 5.69 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 0.8 mg/kg, bw/day General population - Inhalation; Long term systemic effects: 1 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 0.3 mg/kg, bw/day General population - Oral; Long term systemic effects: 0.3 mg/kg, bw/day
PNEC	<ul> <li>Fresh water; Short term 1.004 mg/l</li> <li>Fresh water, Intermittent release; 5.02 mg/l</li> <li>marine water; Short term 0.1 mg/l</li> <li>STP; Short term 3.26 mg/l</li> <li>Sediment (Freshwater); Short term 0.337 mg/kg</li> <li>Sediment (Marinewater); Short term 0.034 mg/kg</li> <li>Soil; Short term 0.067 mg/kg</li> </ul>
DNEL	Workers - Dermal; Long term systemic effects: 0.83 mg/kg Workers - Inhalation; Long term systemic effects: 5.83 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 0.42 mg/kg General population - Inhalation; Long term systemic effects: 1.25 mg/m <sup>3</sup>

PNEC	- STP; 0.2 mg/l - Soil; 1.015 mg/kg - Fresh water; 0.00028 mg/l - marine water; 0.0008 mg/l - Sediment (Freshwater); 5.022 mg/kg - Sediment (Marinewater); 0.502 mg/kg
	a terpinolene (CAS: 586-62-9)
DNEL	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 mg/kg, bw/day
PNEC	<ul> <li>Fresh water; Short term 0.634 mg/l</li> <li>Fresh water, Intermittent release; Short term 0.634 mg/l</li> <li>marine water; Short term 0.063 mg/l</li> <li>STP; Short term 0.2 mg/l</li> <li>Sediment (Freshwater); Short term 14.7 mg/kg</li> <li>Sediment (Marinewater); Short term 14.7 mg/kg</li> <li>Soil; Short term 29.1 mg/kg</li> </ul>

#### 8.2. Exposure controls







Eye/face protection	Wear tight-fitting, chemical splash goggles or face shield.
Hand protection	Wear protective gloves.
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	minty
Flash point	$72 \pm 2^{\circ}$ C Closed cup.
Vapour pressure	43.8 Pa @ 25°C
Relative density	0.898 - 0.916 @ 20°C
Solubility(ies)	Miscible with ethanol (96%) and with methylene chloride
Auto-ignition temperature	280°C
Viscosity	7.71 m²/s @ 20°C 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk Page 10 of 16

2.2. Orden findination         Refractive index       1.457 - 1.467 @ 20°C         Optical Rotation       -30c to -10c         Hydrocarbon Content	9.2. Other information	
Optical Rotation       -30c to -10c         Hydrocarbon Content         SECTION 10: Stability and reactivity         Reactivity       None known.         10.2. Chemical stability       Stable under the prescribed storage conditions.         10.3. Possibility of hazardous       reactivity         Possibility of hazardous       None known.         reactions       None known.         Possibility of hazardous       None known.         reactions       Storage acids. Alkalis. Oxidising agents.         10.6. Hazardous decomposition       Storage acids. Alkalis. Oxidising agents.         10.6. Hazardous decomposition       Lable to cause smoke and acid fumes during combustion: carbon monoxide, carbon dioxide products         SECTION 11: Toxicological information       Acute toxicity - ceria         Acute toxicity - dermal       Lable to cause smoke and acid fumes during combustion: carbon monoxide, carbon dioxide proteinte<		
Hydrocarbon Content         SECTION 10: Stability and reactivity         10.1. Reactivity         Reactivity       None known.         10.2. Chemical stability       Stable under the prescribed storage conditions.         10.3. Possibility of hazardous       None known.         Possibility of hazardous       None known.         reactions       None known.         Possibility of hazardous       None known.         reactions       None known.         Possibility of hazardous       None known.         reactions       None known.         Possibility of hazardous       None known.         Possibility of hazardous       None known.         Possibility of hazardous       Keep away from heat, sparks and open fiame.         10.5. Incompatible materials       Materials to avoid         Materials to avoid       Keep away from heat, sparks and open fiame.         10.6. Hazardous decomposition products       Hazardous decomposition products         Hazardous decomposition products       Editextrementation         11.1. Information on toxicological information       Libue to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxide and other non identified organic compounds may be formed.         SECTION 11: Toxicological information       Libue to cause smoke and agrid bubbit		1.457 - 1.467 @ 20°C
SECTION 10: Stability and reactivity         10.1. Reactivity         Reactivity       None known.         10.2. Chemical stability       Stable under the prescribed storage conditions.         10.3. Possibility of hazardous reactions       Possibility of hazardous None known.         reactors       None known.         10.4. Conditions to avoid       None known.         ceactors       None known.         reactors       None known.         10.4. Conditions to avoid       Keep away from heat, sparks and open flame.         10.5. Incompatible materials       Materials to avoid         Materials to avoid       Strong acids. Alkalis. Oxidising agents.         10.6. Hazardous decomposition products       Hazardous decomposition products         Hazardous decomposition products       and other non identified organic compounds may be formed.         SECTION 11: Toxicological information       11.1. Information on toxicological effects         Acute toxicity - oral       Acits toxicity         Acute toxicity - dermal       Nobes (dermal Lbae)         Nobes (dermal Lbae)       LDae >5000 mg/kg bw. Dermal, Rabbit         SECTION 11: Ecological information       12.1. Toxicity         Acute toxicity - aquatic toxicity       ECm, 48 hours: 2.7 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic plants	Optical Rotation	-30c to -10c
10.1. Reactivity         Reactivity       None known.         10.2. Chemical stability       Stable under the prescribed storage conditions.         10.3. Possibility of hazardous reactions       None known.         Possibility of hazardous       None known.         reactions       None known.         reactions       None known.         reactions       None known.         reactions       None known.         10.4. Conditions to avoid       Keep away from heat, sparks and open flame.         10.5. Incompatible materials       Materials to avoid         Materials to avoid       Keep away from heat, sparks and open flame.         10.6. Hazardous decomposition products       Hazardous decomposition products         Hazardous decomposition induction       Liable to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxide products and other non identified organic compounds may be formed.         SECTION 11: Toxicological information       11.1. Information on toxicological effects         Acute toxicity - oral       Acute toxicity - dermal         Notes (dermal LDea)       LDea >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information       12.1. Toxicity         Acute toxicity - aquatic plants       ECs., 48 hours: 2.7 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic plants <td< th=""><th>Hydrocarbon Content</th><th></th></td<>	Hydrocarbon Content	
Reactivity     None known.       10.2. Chemical stability     Stable under the prescribed storage conditions.       10.3. Possibility of hazardous reactions     None known.       Possibility of hazardous     None known.       reactions     None known.       reactions     None known.       reactions     None known.       reactions     Keep away from heat, sparks and open flame.       10.4. Conditions to avoid     Keep away from heat, sparks and open flame.       10.5. Incompatible materials     Materials to avoid       Materials to avoid     Strong acids. Alkalis. Oxidising agents.       10.6. Hazardous decomposition     Liable to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxide and other non identified organic compounds may be formed.       SECTION 11: Toxicological information     Information on toxicological effects       Acute toxicity - demail     Lobs > 5000 mg/kg bw, Dermal, Rabbit       SECTION 12: Ecological information     Lobs > 5000 mg/kg bw, Dermal, Rabbit       SECTION 12: Ecological information     Econs, 48 hours: 2.7 mg/l, Daphnia magna invertions       12.1. Toxicity     Acute toxicity - aquatic toxicity       Acute toxicity - aquatic plants     Econs, 98 hours: 2.7 mg/l, Daphnia magna invertions       12.2. Persistence and degraduability     Econs, 98 hours: 2.7 mg/l, Daphnia magna invertions       12.3. Results of PBT and vPvB assessment     Econs, 98 hours:	SECTION 10: Stability and rea	activity
10.2. Chemical stability       Stable under the prescribed storage conditions.         10.3. Possibility of hazardous       None known.         reactions       None known.         10.4. Conditions to avoid       Keep away from heat, sparks and open flame.         10.5. Incompatible materials       Materials to avoid         Materials to avoid       Strong acids. Alkalis. Oxidising agents.         10.6. Hazardous decomposition       Inable to cause smoke and acrid furmes during combustion: carbon monoxide, carbon dioxide and other non identified organic compounds may be formed.         FECTION 11: Toxicological effects       Acute toxicity - oral         Atter oral (mg/kg)       6.451.61         Acute toxicity - dermal       Loss >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information       Loss >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information       Loss >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information       Loss >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information       Loss >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information       Loss >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information       Loss >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information       Loss >5000 mg/kg bw, Dermal, Rabbit         Secuto korkity - aquatic brains <td< th=""><th>10.1. Reactivity</th><th></th></td<>	10.1. Reactivity	
Stability       Stable under the prescribed storage conditions.         10.3. Possibility of hazardous       None known.         reactions       None known.         reactions       Intervention of the storage conditions to avoid         Conditions to avoid       Keep away from heat, sparks and open flame.         10.5. Incompatible materials       Materials to avoid         Materials to avoid       Strong acids. Alkalis. Oxidising agents.         10.6. Hazardous decomposition products       Hazardous decomposition products         Hazardous decomposition products       Liable to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxide and other non identified organic compounds may be formed.         SECTION 11: Toxicological information       11.1. Information on toxicological effects         Acute toxicity - oral       Acute toxicity - demal         Notes (demail LDw)       LDw >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological Information       12.1. Toxicity         Acute toxicity - aquatic plants       ECw, 48 hours: 2.7 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic plants       ECw, 96 hours: 2.61 mg/l,         12.2. Persistence and degradability       12.3. Results of PET and VPVB assessment         12.6. Other adverse effects       12.4. Mobility in soil         12.5. Results of PET and VPVB assessment       12.6. Other adverse	Reactivity	None known.
10.3. Possibility of hazardous reactions         Possibility of hazardous reactions         None known.         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 acids. Alkalis. Oxidising agents.         10.6. Hazardous decomposition products         Hazardous decomposition and other non identified organic compounds may be formed.         SECTION 11: Toxicological Information         11.1. Information on toxicolocid=effects         Acute toxicity - oral         ATE oral (mg/kg)       6.451.61         Acute toxicity - dermal         Note (dermal LDa)       LDas >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information         12.1. Toxicity         Acute toxicity - aquatic plants       ECan, 48 hours: 2.7 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic plants       ECan, 96 hours: 2.61 mg/l,         12.1. Persistence and degradability       Itable to Ecan gla toxicity         12.3. Neate for PET and VPVB assessment       Itable to Ecan gla toxicity         12.4. Mobility in soil       Itable sessment         12.5. Results of PET and VPVB assessment       Itable to Ecan gla toxicitoxistotis         12	10.2. Chemical stability	
Possibility of hazardous reactions       None known.         reactions       None known.         10.4. Conditions to avoid       Keep away from heat, sparks and open flame.         10.5. Incompatible materials       Materials to avoid       Strong acids. Alkalis. Oxidising agents.         10.6. Hazardous decomposition products       Hazardous decomposition products         Hazardous decomposition       Liable to cause smoke and acrid furmes during combustion: carbon monoxide, carbon dioxide and other non identified organic compounds may be formed.         SECTION 11: Toxicological information       11.1. Information on toxicological effects         Acute toxicity - oral       ATE oral (mg/kg)       6.451.61         Acute toxicity - dermal       None >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information       12.1. Toxicitly         Acute toxicity - aquatic plants       EC.ao, 96 hours: 2.7 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic plants       EC.ao, 96 hours: 2.7 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic plants       EC.ao, 96 hours: 2.61 mg/l, 12.2. Persistence and degraduality         12.3. Bioaccumulative potential       12.4. Mobility in soil         12.4. Mobility in soil       12.5. Results of PBT and vPVB assessment         12.6. Other adverse effects       SECTION 13: Disposal considerations         13.1. Waste treatment methods	Stability	Stable under the prescribed storage conditions.
reactions       IO.4. Conditions to avoid       Keep away from heat, sparks and open flame.         10.5. Incompatible materials       Strong acids. Alkalis. Oxidising agents.         Materials to avoid       Strong acids. Alkalis. Oxidising agents.         10.6. Hazardous decomposition       Liable to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxide products         Hazardous decomposition       Liable to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxide and other non identified organic compounds may be formed.         SECTION 11: Toxicological information on toxicological effects       Acute toxicity - oral         Acute toxicity - oral       6.451.61         Acute toxicity - demail       LDae >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information       LDae >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information       ECea, 48 hours: 2.7 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic plants       ECea, 96 hours: 2.7 mg/l, Daphnia magna invertebrates         I2.1. Toxicity       ECea, 96 hours: 2.7 mg/l, Daphnia magna invertebrates         I2.3. Bioaccumulative potential       ECea, 96 hours: 2.7 mg/l, Daphnia magna invertebrates         I2.4. Mobility in soil       I2.5 exesuits of PBT and vPV= assessment         I2.6. Other adverse effects       IEECTION 13: Disposal consister         I2.6. Other adverse effects       IEECTION 13	10.3. Possibility of hazardous	reactions
Conditions to avoid       Keep away from heat, sparks and open flame.         10.5. Incompatible materials       Materials to avoid       Strong acids. Alkalis. Oxidising agents.         10.6. Hazardous decomposition products       Hazardous decomposition products         Hazardous decomposition       Liable to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxide and other non identified organic compounds may be formed.         SECTION 11: Toxicological information       111.1. Information on toxicological effects         Acute toxicity - oral       ATE oral (mg/kg)       6,451.61         Acute toxicity - dermal       Acute toxicity - dermal         Notes (dermal LDaw)       LDaw >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information       111.1. Inxicity         Acute toxicity - aquatic toxicity       Acute toxicity - aquatic toxicity         Acute toxicity - aquatic toxicity       ECaw, 48 hours: 2.7 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic plants       ECaw, 96 hours: 2.61 mg/l,         12.2. Persistence and degradability       12.3. Bioaccumulative potential         12.4. Mobility in soil       12.4. Mobility in soil         12.5. Results of PBT and vPvB assessment       12.6. Other adverse effects         SECTION 13: Disposal considerations       13.1. Waste treatment methods	•	None known.
10.5. Incompatible materials         Materials to avoid       Strong acids. Alkalis. Oxidising agents.         10.6. Hazardous decomposition products         Hazardous decomposition       Liable to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxide products         and other non identified organic compounds may be formed.         SECTION 11: Toxicological information         11.1. Information on toxicological effects         Acute toxicity - oral         ATE oral (mg/kg)       6.451.61         Acute toxicity - dermal         Notes (dermal LDwo)       LDvo >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information         12.1. Toxicity         Acute toxicity - aquatic toxicity         Acute toxicity - aquatic toxicity         Acute toxicity - aquatic plants       ECse, 48 hours: 2.7 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic plants       ECse, 96 hours: 2.61 mg/l,         12.2. Persistence and degradability       12.3. Bioaccumulative potential         12.4. Mobility in soil       12.5. Results of PBT and vPvB assessment         12.6. Other adverse effects       13. Uwaste treatment methods	10.4. Conditions to avoid	
Materials to avoid       Strong acids. Alkalis. Oxidising agents.         10.6. Hazardous decomposition products       Liable to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxide and other non identified organic compounds may be formed.         SECTION 11: Toxicological information       11.1. Information on toxicological effects         Acute toxicity - oral       Acute toxicity - oral         ATE oral (mg/kg)       6,451.61         Acute toxicity - dermal       Notes (dermal LDw)         Notes (dermal LDw)       LDw >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information       12.1. Toxicity         Acute toxicity - aquatic       ECso, 48 hours: 2.7 mg/l, Daphnia magna Invertebrates         Acute toxicity - aquatic toxicity       ECso, 96 hours: 2.61 mg/l,         12.2. Persistence and degradability       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 considerations         13.1. Waste treatment methods       Second Secon	Conditions to avoid	Keep away from heat, sparks and open flame.
10.6. Hazardous decomposition products         Hazardous decomposition and other non identified organic compounds may be formed.         SECTION 11: Toxicological information         11.1. Information on toxicological effects         Acute toxicity - oral         ATE oral (mg/kg)       6,451.61         Acute toxicity - dermal         Notes (dermal LD <sub>so</sub> )       LD <sub>so</sub> >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information         12.1. Toxicity         Acute aquatic toxicity         Acute aquatic toxicity         Acute toxicity - aquatic         ECso, 48 hours: 2.7 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic plants       ECso, 96 hours: 2.61 mg/l,         12.2. Persistence and degradability         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 considerations         13.1. Waste treatment methods	10.5. Incompatible materials	
Hazardous decomposition       Liable to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxide and other non identified organic compounds may be formed.         SECTION 11: Toxicological information         11.1. Information on toxicological effects         Acute toxicity - oral         ATE oral (mg/kg)       6,451.61         Acute toxicity - dermal         Notes (dermal LD <sub>90</sub> )       LD <sub>90</sub> >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information         12.1. Toxicity         Acute toxicity - aquatic toxicity         Acute toxicity - aquatic plants       EC <sub>90</sub> , 48 hours: 2.7 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic plants       EC <sub>90</sub> , 96 hours: 2.61 mg/l,         12.2. Persistence and degradability       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 considerations         13.1. Waste treatment methods       Seconsiderations	Materials to avoid	Strong acids. Alkalis. Oxidising agents.
products       and other non identified organic compounds may be formed.         SECTION 11: Toxicological in/ormation         11.1. Information on toxicological effects         Acute toxicity - oral         ATE oral (mg/kg)       6,451.61         Acute toxicity - dermal         Notes (dermal LDss)       LDss >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information         12.1. Toxicity         Acute toxicity - aquatic       ECsss, 48 hours: 2.7 mg/l, Daphnia magna         invertebrates       ECsss, 96 hours: 2.61 mg/l,         12.2. Persistence and degradability       ECsss, 96 hours: 2.61 mg/l,         12.3. Bioaccumulative potential       ECsss, 96 hours: 2.61 mg/l,         12.4. Mobility in soil       I3.5. Results of PBT and vPba assessment         12.6. Other adverse effects       ECTION 13: Disposal considerations         5ECTION 13: Disposal considerations       ECTION 13: Disposal considerations	10.6. Hazardous decomposition	on products
SECTION 11: Toxicological information         11.1. Information on toxicological effects         Acute toxicity - oral         ATE oral (mg/kg)       6,451.61         Acute toxicity - dermal         Notes (dermal LD <sub>50</sub> )       LD <sub>50</sub> >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information         12.1. Toxicity         Acute toxicity - aquatic toxicity         Acute toxicity - aquatic concernment         12.2. Prevision         Invertebrates         Acute toxicity - aquatic plants       EC <sub>50</sub> , 96 hours: 2.61 mg/l,         12.2. Persistence and degradability         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 considerations         13.1. Waste treatment methods	Hazardous decomposition	Liable to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxide
11.1. Information on toxicological effects         Acute toxicity - oral         ATE oral (mg/kg)       6,451.61         Acute toxicity - dermal         Notes (dermal LD <sub>90</sub> )       LD <sub>90</sub> >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information         12.1. Toxicity         Acute toxicity - aquatic       EC <sub>90</sub> , 48 hours: 2.7 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic plants       EC <sub>90</sub> , 96 hours: 2.61 mg/l,         12.2. Persistence and degradability         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 considerations         13.1. Waste treatment methods	products	and other non identified organic compounds may be formed.
Acute toxicity - oral       ATE oral (mg/kg)       6,451.61         Acute toxicity - dermal       Notes (dermal LD <sub>90</sub> )       LD <sub>90</sub> >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information         12.1. Toxicity         Acute aquatic toxicity         Acute aquatic toxicity         Acute toxicity - aquatic       EC <sub>90</sub> , 48 hours: 2.7 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic plants       EC <sub>90</sub> , 96 hours: 2.61 mg/l,         12.2. Persistence and degradability         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 considerations         13.1. Waste treatment methods	SECTION 11: Toxicological in	formation
ATE oral (mg/kg)       6,451.61         Acute toxicity - dermal Notes (dermal LD=o)       LD=o >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information         12.1. Toxicity Acute aquatic toxicity         Acute aquatic toxicity         Acute toxicity - aquatic invertebrates         Acute toxicity - aquatic plants       EC=o, 48 hours: 2.7 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic plants       EC=o, 96 hours: 2.61 mg/l,         12.2. Persistence and degradability         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 considerations         13.1. Waste treatment methods	11.1. Information on toxicolog	ical effects
Acute toxicity - dermal Notes (dermal LD <sub>50</sub> )       LD <sub>50</sub> >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information         12.1. Toxicity         Acute aquatic toxicity         Acute toxicity - aquatic       EC <sub>50</sub> , 48 hours: 2.7 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic plants       EC <sub>50</sub> , 96 hours: 2.61 mg/l,         12.2. Persistence and degradability         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 considerations         13.1. Waste treatment methods	Acute toxicity - oral	
Notes (dermal LD=0)       LD=0 >5000 mg/kg bw, Dermal, Rabbit         SECTION 12: Ecological information         12.1. Toxicity         Acute aquatic toxicity         Acute aquatic toxicity         Acute toxicity - aquatic       EC=0, 48 hours: 2.7 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic plants       EC=0, 96 hours: 2.61 mg/l,         12.2. Persistence and degradability         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 considerations         13.1. Waste treatment methods	ATE oral (mg/kg)	6,451.61
SECTION 12: Ecological information         12.1. Toxicity         Acute aquatic toxicity         Acute toxicity - aquatic       ECso, 48 hours: 2.7 mg/l, Daphnia magna invertebrates         Acute toxicity - aquatic plants       ECso, 96 hours: 2.61 mg/l,         12.2. Persistence and degradability         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 considerations         13.1. Waste treatment methods	Acute toxicity - dermal	
12.1. Toxicity         Acute aquatic toxicity         Acute toxicity - aquatic       EC <sub>50</sub> , 48 hours: 2.7 mg/l, Daphnia magna         invertebrates         Acute toxicity - aquatic plants       EC <sub>50</sub> , 96 hours: 2.61 mg/l,         12.2. Persistence and degradability         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 considerations         13.1. Waste treatment methods	Notes (dermal LD₅₀)	
Acute aquatic toxicity         Acute toxicity - aquatic       EC <sub>50</sub> , 48 hours: 2.7 mg/l, Daphnia magna         invertebrates         Acute toxicity - aquatic plants       EC <sub>50</sub> , 96 hours: 2.61 mg/l,         12.2. Persistence and degradability         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 considerations         13.1. Waste treatment methods		LD₅₀ >5000 mg/kg bw, Dermal, Rabbit
Acute toxicity - aquatic       EC <sub>50</sub> , 48 hours: 2.7 mg/l, Daphnia magna         invertebrates       Acute toxicity - aquatic plants       EC <sub>50</sub> , 96 hours: 2.61 mg/l,         12.2. Persistence and degradability       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 considerations         13.1. Waste treatment methods       13.1. Waste treatment methods       13.1. Waste treatment methods	SECTION 12: Ecological infor	
invertebrates Acute toxicity - aquatic plants EC <sub>50</sub> , 96 hours: 2.61 mg/l, <u>12.2. Persistence and degradability</u> <u>12.3. Bioaccumulative potential</u> <u>12.4. Mobility in soil</u> <u>12.5. Results of PBT and vPvB assessment</u> <u>12.6. Other adverse effects</u> <u>SECTION 13: Disposal considerations</u> <u>13.1. Waste treatment methods</u>	· · · · · · · · · · · · · · · · · · ·	
Acute toxicity - aquatic plants       ECso, 96 hours: 2.61 mg/l,         12.2. Persistence and degradability         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 considerations         13.1. Waste treatment methods	12.1. Toxicity	
12.2. Persistence and degradability         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 considerations         13.1. Waste treatment methods	12.1. Toxicity Acute aquatic toxicity Acute toxicity - aquatic	rmation
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 considerations         13.1. Waste treatment methods	12.1. Toxicity Acute aquatic toxicity Acute toxicity - aquatic invertebrates	rmation EC <sub>50</sub> , 48 hours: 2.7 mg/l, Daphnia magna
12.4. Mobility in soil         12.5. Results of PBT and vPvB assessment         12.6. Other adverse effects         SECTION 13: Disposal considerations         13.1. Waste treatment methods	12.1. Toxicity Acute aquatic toxicity Acute toxicity - aquatic invertebrates Acute toxicity - aquatic plants	EC <sub>50</sub> , 48 hours: 2.7 mg/l, Daphnia magna EC <sub>50</sub> , 96 hours: 2.61 mg/l,
12.5. Results of PBT and vPvB assessment         12.6. Other adverse effects         SECTION 13: Disposal considerations         13.1. Waste treatment methods	12.1. ToxicityAcute aquatic toxicityAcute toxicity - aquaticinvertebratesAcute toxicity - aquatic plants12.2. Persistence and degrad	rmation EC₅₀, 48 hours: 2.7 mg/l, Daphnia magna EC₅₀, 96 hours: 2.61 mg/l, ability
12.6. Other adverse effects         SECTION 13: Disposal considerations         13.1. Waste treatment methods	12.1. ToxicityAcute aquatic toxicityAcute toxicity - aquaticinvertebratesAcute toxicity - aquatic plants12.2. Persistence and degrad12.3. Bioaccumulative potenti	rmation EC₅₀, 48 hours: 2.7 mg/l, Daphnia magna EC₅₀, 96 hours: 2.61 mg/l, ability
SECTION 13: Disposal considerations 13.1. Waste treatment methods	12.1. ToxicityAcute aquatic toxicityAcute toxicity - aquaticinvertebratesAcute toxicity - aquatic plants12.2. Persistence and degrad12.3. Bioaccumulative potentia12.4. Mobility in soil	EC <sub>50</sub> , 48 hours: 2.7 mg/l, Daphnia magna EC <sub>50</sub> , 96 hours: 2.61 mg/l, ability al
13.1. Waste treatment methods	12.1. ToxicityAcute aquatic toxicityAcute toxicity - aquaticinvertebratesAcute toxicity - aquatic plants12.2. Persistence and degrad12.3. Bioaccumulative potenti12.4. Mobility in soil12.5. Results of PBT and vPv	EC <sub>50</sub> , 48 hours: 2.7 mg/l, Daphnia magna EC <sub>50</sub> , 96 hours: 2.61 mg/l, ability al
	12.1. ToxicityAcute aquatic toxicityAcute toxicity - aquaticinvertebratesAcute toxicity - aquatic plants12.2. Persistence and degrad12.3. Bioaccumulative potentii12.4. Mobility in soil12.5. Results of PBT and vPv12.6. Other adverse effects	EC <sub>50</sub> , 48 hours: 2.7 mg/l, Daphnia magna EC <sub>50</sub> , 96 hours: 2.61 mg/l, ability al B assessment
DISDOSE OF COMPENSION AND DISDOSE OF COMPENSION AND END ACCORDANCE WITH DOCAL POLYAUOUS	12.1. ToxicityAcute aquatic toxicityAcute toxicity - aquaticinvertebratesAcute toxicity - aquatic plants12.2. Persistence and degrad12.3. Bioaccumulative potentii12.4. Mobility in soil12.5. Results of PBT and vPv12.6. Other adverse effectsSECTION 13: Disposal considered	EC <sub>50</sub> , 48 hours: 2.7 mg/l, Daphnia magna EC <sub>50</sub> , 96 hours: 2.61 mg/l, ability al B assessment

Dispose of contents/container in accordance with local regulations. 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk Page 11 of 16

SECTION 14: Transport inform	nation
14.1. UN number	
UN No. (ADR/RID)	3082
UN No. (IMDG)	3082
	3082
UN No. (ADN)	3082
14.2. UN proper shipping name	_
Proper shipping name (ADR/RID)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper shipping name (IMDG)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper shipping name (ICAO)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper shipping name (ADN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
14.3. Transport hazard class(e	<u>s)</u>
ADR/RID class	9
ADR/RID classification code	M6
ADR/RID label	9
IMDG class	9
ICAO class/division	9
ADN class	9
Transport labels	
9	
14.4. Packing group	
ADR/RID packing group	III
IMDG packing group	Ш
ICAO packing group	Ш
ADN packing group	
14.5. Environmental hazards	
Environmentally hazardous substance/marine pollutant	



14.6. Special precautions for user		
EmS	F-A, S-F	
ADR transport category	3	

Emergency Action Code	•3Z

Hazard Identification Number 90 (ADR/RID)

Tunnel restriction code (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 December

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 - NECI Complies

#### SECTION 16: Other information

Revision date	18/06/2019
Revision	4
Supersedes date	18/07/2018

SDS number	5143
Hazard statements in full	H226 Flammable liquid and vapour. H301 Toxic if swallowed. H302 Harmful if swallowed.
	<ul> <li>H304 May be fatal if swallowed and enters airways.</li> <li>H315 Causes skin irritation.</li> <li>H317 May cause an allergic skin reaction.</li> <li>H319 Causes serious eye irritation.</li> <li>H335 May cause respiratory irritation.</li> <li>H400 Very toxic to aquatic life.</li> <li>H410 Very toxic to aquatic life with long lasting effects.</li> <li>H411 Toxic to aquatic life with long lasting effects.</li> <li>H412 Harmful to aquatic life with long lasting effects.</li> </ul>

## **Product Specification**

(d) of Regulation (EC) 1334/2008 and therefore can be designated as natural.         Food Grade Status       We confirm, from information received from our supplier, that this product confor with EU Regulations1334/2008 and Regulation (EU) No 872/212 and can be used in food.         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 facthers, animal fast, animal extracts, blood of any origin, blood plasma, pork and/other meat products. This product does not contain alcohol (ethanol or grain alcoh and has not been used in the manufacturing process.         GMO Declaration       To the best of our knowledge and from information received from our supplier, thi product does not derive from genetically modified starting raw material, or additive that are derived from genetically modified organisms.         Manufacturing Process       Essential oil of Pepermint, obtained from the herb of Mentha Piperita, Labiatae b steam distillation.         Identification       CAS No: 84082-70-2       EINECS No: 282-015-4         Alternative Cas: 8006-90-4       FEMa Number: 2848         PHYSICAL AND CHEMICAL CHARACTERISTIC       Appearance         Liquid       Colour       Colourless tp pale yellow         Odour       Fresh, cooling mint         Melting Point       Clear mobile liquid @ 20°c.         Flash Point       72°c ± 2°         Relative Density @ 20°c       0	PRODUCT DETAILS			
Country of Origin       China / India         Tariff Number       33012510         RACH Registration       01-2119974601-36-0000         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.         Food Grade Status       We confirm, from information received from our supplier, that this product confor with EU Regulations1334/2008 and Regulation (EU) No 872/212 and can be used in food.         Kosher Certified       Yes         Hala 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 fast, animal extracts, blood of any origin, blood plasma, pork and/ other meat products. This product does not contain alcohol (ethanol or grain alcoh and has not been used in the manufacturing process.         GMO Declaration       To the best of our knowledge and from the herb of Mentha Piperita, Labiatae b steam distillation.         Identification       CAS No: 84082-70-2       EINECS No: 282-015-4         Athermative Cas: 8006-90-4       FEMA Number: 2848         PHYSICAL AND CHEMICAL CHARACTERISTIC       Appearance       Liquid         Colour       Colourless tp pale yellow       Cod         Odour       Fresh, cooling mint       Relative Density @ 20°c       0.4889 </th <th>Product Name</th> <th colspan="2">Peppermint Oil (Mentha Piperita)</th>	Product Name	Peppermint Oil (Mentha Piperita)		
Country of Origin       China / India         Tariff Number       33012510         RACH Registration       01-2119974601-36-0000         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.         Food Grade Status       We confirm, from information received from our supplier, that this product confor with EU Regulations1334/2008 and Regulation (EU) No 872/212 and can be used in food.         Kosher Certified       Yes         Hala 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 fast, animal extracts, blood of any origin, blood plasma, pork and/ other meat products. This product does not contain alcohol (ethanol or grain alcoh and has not been used in the manufacturing process.         GMO Declaration       To the best of our knowledge and from the herb of Mentha Piperita, Labiatae b steam distillation.         Identification       CAS No: 84082-70-2       EINECS No: 282-015-4         Athermative Cas: 8006-90-4       FEMA Number: 2848         PHYSICAL AND CHEMICAL CHARACTERISTIC       Appearance       Liquid         Colour       Colourless tp pale yellow       Cod         Odour       Fresh, cooling mint       Relative Density @ 20°c       0.4889 </td <td></td> <td></td> <td></td>				
Tariff Number       33012510         REACH Registration       01-2119974001-36-0000         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.         Food Grade Status       We confirm, from information received from our supplier, that this product confor with EU Regulations1334/2008 and Regulation (EU) No 872/212 and can be used in food.         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/ other meat products. This product does not contain alcohol (ethanol or grain alcoh and has not been used in the manufacturing process.         GMO Declaration       To the best of our knowledge and from information received from our supplier, thi product does not contain alcohol (ethanol or grain alcoh and has not been used in the manufacturing process.         GMO Declaration       To the best of our knowledge and from information received from musupplier, that this product does not contain any ingredient destruits are material, or additive that are derived from genetically modified starting raw material, or additive that destruits fraw material, or additive that destr	INCI Name		Mentha Piperita	
BEACH Registration       01-2119974601-36-0000         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.         Food Grade Status       We confirm, from information received from our supplier, that this product confor with EU Regulations1334/2008 and Regulation (EU) No 872/212 and can be used in food.         Kosher Certified       Yes         Halal Certified       We sereby declare, from information received from our supplier, that this product does not contain any ingredient derived from animal origin, blood plasma, pork and/ other meat products. This product does not contain alcoha and has not been used in the manufacturing process.         GMO Declaration       To the best of our knowledge and from information received from our supplier, that this product does not cerive from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, and addition.         Identification       CAS No: 84082-70-2       EINECS No: 282-015-4         Alternative Cas: 8006-90-4       FEMa Number: 2848         PHYSICAL AND CHEMICAL CHARACTERISTIC       Alternative Cas: 8006-90-4       FEMa Number: 2848         Odour       Fresh, cooling mint       Celar mobile liquid @ 20°c.       Flash Point       C2 c 2 z*         Relative Density @ 20°c       0.888 -	Country of Origin	China / India		
Natural Status       We hereby declare, to the best of our knowledge and from information received fro our supplier, that this product is in accordance to the requirements of Articles 3 (2)         Food Grade Status       We confirm, from information received from our supplier, that this product on the designated as natural.         Food Grade Status       We confirm, 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/ other meet products. This product does not contain alcohol (ethanol or grain alcoh and has not been used in the manufacturing process.         GMO Declaration       To the best of our knowledge and from information received from our supplier, thi that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified organisms.         Manufacturing Process       Essential oil of Peppermint, obtained from the herb of Mentha Piperita, Lablatae b starem distillation.         Identification       CAS No	Tariff Number	33012510		
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.         Food Grade Status       We confirm, from information received from our supplier, that this product confor with EU Regulations1334/2008 and Regulation (EU) No 872/212 and can be used in food.         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/other meet products. This product does not contain alcoh and has not been used in the manufacturing process.         GMO Declaration       To the best of our knowledge and from information received from our supplier, thit product does not derive from genetically modified starting raw material, or additiv that are derived from genetically modified organisms.         Manufacturing Process       Essential oil of Peppermint, obtained from the herb of Mentha Piperita, Labiatae b steam distillation.         (dentification       CAS No: 84082-70-2       EINECS No: 282-015-4         Alternative Cas: 8006-90-4       FEMa Number: 2848         PHYSICAL AND CHEMICAL CHARACTERISTIC       Alternative Cas: 8006-90-4       FEMa Number: 2848         Odour       Colourless tp pale yellow       Golour       Golour Golou	-			
with EU Regulations1334/2008 and Regulation (EU) No 872/212 and can be used in food.         Kosher Certified       Yes         Halal Certified       We hereby delcare, from information received from our supplier, that this product does not contain any ingredient der/ved from animal orgin, extracted from hair or feathers, animal fats, animal extracts, blood of any origin, blood plasma, pork and/other meat products. This product does not contain alcohol (ethanol or grain alcohal other meat products. This product does not contain alcohol (ethanol or grain alcohal and has not been used in the manufacturing process.         GMO Declaration       To the best of our knowledge and from information received from our supplier, thi product does not derive from genetically modified starting raw material, or additive that are derived from genetically modified organisms.         Manufacturing Process       Essential oil of Peppermint, obtained from the herb of Mentha Piperita, Labiatae b steam distiliation.         Identification       CAS No: 84082-70-2       EINECS No: 282-015-4         Alternative Cas: 8006-90-4       FEMa Number: 2848         PHYSICAL AND CHEMICAL CHARACTERISTIC       Appearance       Liquid         Colour       Colourless tp pale yellow       Colour         Odour       Fresh, cooling mint       Clear mobile liquid @ 20°c.         Flash Point       72°c ± 2°       Relative Density @ 20°c         Refractive Index @ 20°c       0.898 - 0.916       Optical Rotation         -30 to -10c       FRAGRANCE ALLERGENS<	Natural Status	our supplier, that this product is i	our supplier, that this product is in accordance to the requirements of Articles 3 (2)	
Halal Certified       We hereby delcare, from information received from animal orgin, extracted from hair or feathers, animal fats, animal extracts, blood of any orgin, blood plasma, pork and/ other meat products. This product does not contain alcohol (ethanol or grain alcoh) and has not been used in the manufacturing process.         GMO Declaration       To the best of our knowledge and from information received from any supplier, thi product does not derive from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additiv that are derived from genetically modified starting raw material, or additive tas: 3006-90-4         PHYSICAL AND CHEMICAL CHARACTERISTIC       Appearance       Liquid <td>Food Grade Status</td> <td>with EU Regulations1334/2008 ar</td> <td colspan="2">We confirm, from information received from our supplier, that this product conforms with EU Regulations1334/2008 and Regulation (EU) No 872/212 and can be used in food.</td>	Food Grade Status	with EU Regulations1334/2008 ar	We confirm, from information received from our supplier, that this product conforms with EU Regulations1334/2008 and Regulation (EU) No 872/212 and can be used in food.	
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/orige and has not been used in the manufacturing process.       GMO Declaration     To the best of our knowledge and from information received from our supplier, thi product does not derive from genetically modified starting raw material, or additive that are derived from genetically modified organisms.       Manufacturing Process     Essential oil of Peppermint, obtained from the herb of Mentha Piperita, Labiatae b steam distillation.       Identification     CAS No: 84082-70-2     EINECS No: 282-015-4       Alternative Cas: 8006-90-4     FEMa Number: 2848       PHYSICAL AND CHEMICAL CHARACTERISTIC     Alternative Cas: 8006-90-4     FEMa Number: 2848       Odour     Colouriess tp pale yellow     Colouries to pale yellow       Odour     Colouriess tp pale yellow     Colouries to pale yellow       Odour     Fresh, cooling mint     Clear mobile liquid @ 20°c.       Flash Point     72°c ± 2°     Relative Density @ 20°c     0.898 - 0.916       Optical Rotation     -30 to -10c     Refractive Index @ 20°c     1.457 - 1.467       Total Menthol content     Min 50%     FAGGRANCE ALLERGENS     Imaleol (78-70-6) <1%	Kosher Certified	Yes		
product does not derive from genetically modified starting raw material, or additive that are derived from genetically modified organisms.         Manufacturing Process       Essential oil of Peppermint, obtained from the herb of Mentha Piperita, Labiatae be steam distillation.         Identification       CAS No: 84082-70-2       EINECS No: 282-015-4         Alternative Cas: 8006-90-4       FEMa Number: 2848         PHYSICAL AND CHEMICAL CHARACTERISTIC       Appearance         Appearance       Liquid         Colour       Colourless tp pale yellow         Odour       Fresh, cooling mint         Melting Point       Clear mobile liquid @ 20°c.         Flash Point       72°c ± 2°         Relative Density @ 20°c       0.898 - 0.916         Optical Rotation       -30 to -10c         Refractive Index @ 20°c       1.457 - 1.467         Total Menthol content       Min 50%         FRAGRANCE ALLERGENS       Limalool (78-70-6) <1%	Halal Certified	does not contain any ingredient d feathers, animal fats, animal extra other meat products. This produc	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.	
steam distillation.           Identification         CAS No: 84082-70-2         EINECS No: 282-015-4           Alternative Cas: 8006-90-4         FEMa Number: 2848           PHYSICAL AND CHEMICAL CHARACTERISTIC         Appearance         Liquid           Colour         Colourless tp pale yellow         Odour           Odour         Fresh, cooling mint         Melting Point           Clear mobile liquid @ 20°c.         Flash Point         72°c ± 2°           Relative Density @ 20°c         0.898 - 0.916         Optical Rotation           Optical Rotation         -30 to -10c         Refractive Index @ 20°c         1.457 - 1.467           Total Menthol content         Min 50%         FRAGRANCE ALLERGENS         Image: Set	GMO Declaration	product does not derive from gen	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.	
Alternative Cas: 8006-90-4       FEMa Number: 2848         PHYSICAL AND CHEMICAL CHARACTERISTIC       Appearance       Liquid         Appearance       Liquid       Colour         Colour       Colourless tp pale yellow       Colour         Odour       Fresh, cooling mint       Melting Point         Flash Point       72°c ± 2°       Relative Density @ 20°c       0.898 - 0.916         Optical Rotation       -30 to -10c	Manufacturing Process		Essential oil of Peppermint, obtained from the herb of Mentha Piperita, Labiatae by steam distillation.	
PHYSICAL AND CHEMICAL CHARACTERISTIC         Appearance       Liquid         Colour       Colourless tp pale yellow         Odour       Fresh, cooling mint         Melting Point       Clear mobile liquid @ 20°c.         Flash Point       72°c ± 2°         Relative Density @ 20°c       0.898 - 0.916         Optical Rotation       -30 to -10c         Refractive Index @ 20°c       1.457 - 1.467         Total Menthol content       Min 50%         FRAGRANCE ALLERGENS       Linalool (78-70-6) <1%	Identification	CAS No: 84082-70-2	EINECS No: 282-015-4	
Appearance       Liquid         Colour       Colourless tp pale yellow         Odour       Fresh, cooling mint         Melting Point       Clear mobile liquid @ 20°c.         Flash Point       72°c ± 2°         Relative Density @ 20°c       0.898 - 0.916         Optical Rotation       -30 to -10c         Refractive Index @ 20°c       1.457 - 1.467         Total Menthol content       Min 50%         FRAGRANCE ALLERGENS         Limonene (5989-27-5) >=0.01 to <=3.0		Alternative Cas: 8006-90-4	FEMa Number: 2848	
Colour       Colourless tp pale yellow         Odour       Fresh, cooling mint         Melting Point       Clear mobile liquid @ 20°c.         Flash Point       72°c ± 2°         Relative Density @ 20°c       0.898 - 0.916         Optical Rotation       -30 to -10c         Refractive Index @ 20°c       1.457 - 1.467         Total Menthol content       Min 50%         FRAGRANCE ALLERGENS         Limonene (5989-27-5) >=0.01 to <=3.0	PHYSICAL AND CHEMICA	L CHARACTERISTIC		
Odour       Fresh, cooling mint         Melting Point       Clear mobile liquid @ 20°c.         Flash Point       72°c ± 2°         Relative Density @ 20°c       0.898 - 0.916         Optical Rotation       -30 to -10c         Refractive Index @ 20°c       1.457 - 1.467         Total Menthol content       Min 50%         FRAGRANCE ALLERGENS       Linalool (78-70-6) <1%	Appearance	Liquid		
Melting Point       Clear mobile liquid @ 20°c.         Flash Point       72°c ± 2°         Relative Density @ 20°c       0.898 - 0.916         Optical Rotation       -30 to -10c         Refractive Index @ 20°c       1.457 - 1.467         Total Menthol content       Min 50%         FRAGRANCE ALLERGENS       Linalool (78-70-6) <1%	Colour	Colourless tp pale yellow		
Flash Point       72°c ± 2°         Relative Density @ 20°c       0.898 - 0.916         Optical Rotation       -30 to -10c         Refractive Index @ 20°c       1.457 - 1.467         Total Menthol content       Min 50%         FRAGRANCE ALLERGENS       Linalool (78-70-6) <1%		, ,		
Relative Density @ 20°c0.898 - 0.916Optical Rotation-30 to -10cRefractive Index @ 20°c1.457 - 1.467Total Menthol contentMin 50%FRAGRANCE ALLERGENSLimonene (5989-27-5) >=0.01 to <=3.0				
Optical Rotation       -30 to -10c         Refractive Index @ 20°c       1.457 - 1.467         Total Menthol content       Min 50%         FRAGRANCE ALLERGENS       Linalool (78-70-6) <1%				
Refractive Index @ 20°c       1.457 - 1.467         Total Menthol content       Min 50%         FRAGRANCE ALLERGENS       Imalool (78-70-6) <1%	•			
Total Menthol content       Min 50%         FRAGRANCE ALLERGENS       Iinalool (78-70-6) <1%				
FRAGRANCE ALLERGENS         Limonene (5989-27-5) >=0.01 to <=3.0				
Limonene (5989-27-5) >=0.01 to <=3.0 Linalool (78-70-6) <1% FOOD ALLERGENS NONE PRESENT IFRA Carvone (99-49-0) <0.5% Trans-2-hexenal (6728-26-3) <0.1% STORAGE AND SHELF LIFE Storage Store in tightly closed container with minimum headspace in a cool, dark and dry place.		IVIIN 50%		
FOOD ALLERGENS         NONE PRESENT         IFRA         Carvone (99-49-0) <0.5%				
NONE PRESENT IFRA Carvone (99-49-0) <0.5% Trans-2-hexenal (6728-26-3) <0.1% STORAGE AND SHELF LIFE Storage Storage Store in tightly closed container with minimum headspace in a cool, dark and dry place.		<=3.0  Linalool (78-70-6) <1%		
IFRA         Carvone (99-49-0) <0.5%				
Carvone (99-49-0) <0.5%	NONE PRESENT			
Storage         Store in tightly closed container with minimum headspace in a cool, dark and dry place.	IFRA			
Storage Store in tightly closed container with minimum headspace in a cool, dark and dry place.			0.1%	
dry place.	STORAGE AND SHELF LIFE			
Shalf Life 26 months uppened and stored as above	Storage		Store in tightly closed container with minimum headspace in a cool, dark and dry place.	
Sheli Lile I So monthis unopened and stored as above.	Shelf Life	36 months unopened and stor	ed as above.	

The Company's knowledge and belief, accurate apendicular transmission for the value of source apendicular transmission of the source apendicular transmission of the source apendicular transmission of the value of the date apendicular value of the date approximation of the value of the value

## **Vegan and Vegetarian Statement**

	IDENTIFICATION	
Product:	Peppermint Premium	
Cas No:	84082-70-2	
EINECS No:	282-015-4	
	STATEMENT	
	tion Limited from information received from our supplier, hereby declare ated above is suitable for the following:	
Vegans (Excludes al (beeswax and hone	l animal derived products, including dairy, eggs, leather, bee products y).	
Lacto Vegetarians (	Same as vegan but allows milk products and bee products.	
Ovo Vegetarians (Sa	ame as vegan but allows egg products and bee products)	
It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.		
does not release the b	ents to the best of our knowledge and from information received from our supplier. It uyer from the obligation to carry out an examination of the goods received. All uses e done under their own responsibility.	