Certificate of Analysis

PRODUCT DETAILS			
Product Name	LAVENDER OIL BULGARIAN ORGANIC		
INCI Name	Lavandula Angustifolia	Lavandula Angustifolia	
Expiry Date	MARCH 2026	MARCH 2026	
Batch Number	4501314		
Manufacturing Process	Obtained by steam distillation of the flowers of the Lavender Lavandula angustifolia.		
Identification	CAS No: 90063-37-9	EINECS No: 289-995-2	
	Alternative Cas: 8000-28-0	FEMA: 2622	
PHYSICAL AND CHEMICAL	CHARACTERISTIC		
	SPECIFICATION RANGE	RESULTS	
Appearance	Liquid	Conforms	
Colour	Colourless to pale yellow Liquid	Conforms	
Odour	Characteristic	Conforms	
Relative Density @ 20°c	0.875 - 0.890	0.883	
Refractive Index @ 20°c	1.457 - 1.467	1.461	
Flash Point	>66°c	Conforms	
Optical Rotation	-3.0 to -12	-8.7	
STORAGE AND SHELF LIFE			
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.

CMR (Carcinogenic, mutagenic, reprotoxic) STATEMENT

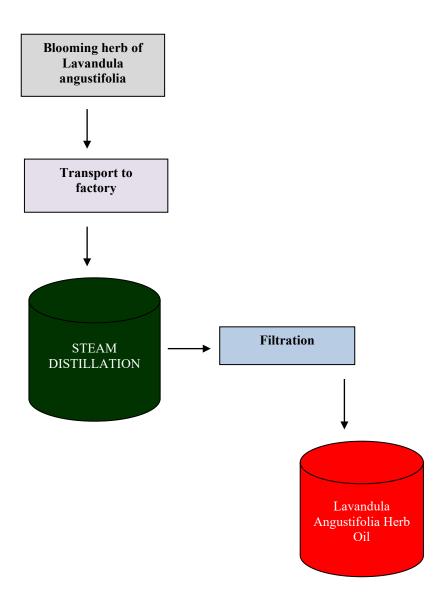
We hereby confirm, to the best of our knowledge and from information received from our supplier, that the below mentioned product does not contain any CMR Substances.

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

Product: LAVENDER OIL BULGARIAN ORGANIC

12 November 2021

LAVENDER OIL ORGANIC (Bulgaria) FLOW CHART



Product Specification

PRODUCT DETAILS			
Product Name	LAVENDER OIL BULGARIAN ORG	LAVENDER OIL BULGARIAN ORGANIC	
INCI Name	Lavandula Angustifolia		
Country of Origin	Bulgaria		
Tariff Number	33012941		
Natural Status		r knowledge and from information received from our	
	supplier, that this product is in accor (EC) 1334/2008 and therefore can be	dance to the requirements of Articles 3 (2) (d) of Regulation e designated as natural.	
Food Grade Status	We confirm, from information receiv	We confirm, from information received from our supplier, that this product conforms with EU	
	Regulations and can be used in food.		
Kosher Certified	No but can be added		
Halal Certified	We hereby delcare, from information	n received from our supplier, that this product does not	
		animal origin, extracted from hair or feathers, animal fats,	
		blood plasma, pork and/or other meat products. This	
	-	hanol or grain alcohol) and has not been used in the	
	manufacturing process.		
GMO Declaration	_	To the best of our knowledge and from information received from our supplier, this product	
		dified starting raw material, or additives that are derived	
	from genetically modifed organisms.		
Manufacturing Process	Obtained by steam distillation of the	flowers of the Lavender Lavandula angustifolia.	
Identification	CAS No: 90063-37-9	EINECS No: 289-995-2	
	Alternative Cas: 8000-28-0	FEMA: 2622	
PHYSICAL AND CHEMIC	AL CHARACTERISTIC		
Appearance	Liquid		
Colour	Colourless to pale yellow		
Odour	Characteristic		
Relative Density @ 20°c	0.875 - 0.890		
Refractive Index @ 20°c	1.457 - 1.467		
Flash Point	>66°c		
Optical Rotation	-3.0 to -12	-3.0 to -12	
Solubility	Insoluble in water.	Insoluble in water.	
FRAGRANCE ALLERGEN	S		
Linalool (78-70-6) 25-60%	Limonene (5989-27-5) <1%	Geraniol (106-24-1) <1%	
FOOD ALLERGENS			
NONE PRESENT			
IFRA			
Geraniol (106-24-1) <1%	1-octen-3-yl acetate (2442-10-6)	<0.5%	
STORAGE AND SHELF L	IFE		
Storage	Store in tightly closed container v	vith minimum headspace in a cool, dark and dry place.	
Shelf Life	36 months unopened and stored	as above	
		as above. mbination with any other materials or in any process. Such information is, to the best of the	

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

Vegan and Vegetarian Statement

	IDENTIFICATION	
Product:	Lavender Bulgarian Organic	
Cas No:	90063-37-9/ 8000-28-0	
EINECS No:	289-995-2	
	STATEMENT	
We, Madar Corporation Limited, from information received from our supplier, hereby declare that the material listed above is suitable for the following:		
Vegans (Excludes all animal derived products, including dairy, eggs, leather, bee products (beeswax and honey).		
Lacto Vegetarians (S	ame as vegan but allows milk products and bee products.	
Ovo Vegetarians (Sar	ne 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.		
-	ts to the best of our knowledge and from information received from our supplier. It /er from the obligation to carry out an examination of the goods received. All uses	

made by the buyer are done under their own responsibility.

SAFETY DATA SHEET LAVENDER OIL BULGARIAN ORGANIC

SECTION 1: Identification of	the substance/mixture and of the company/undertaking
1.1. Product identifier	
Product name	LAVENDER OIL BULGARIAN ORGANIC
Synonyms; trade names	Lavandula Angustifolia
CAS number Alternative	90063-37-9
Cas Number	8000-28-0
EC number	289-995-2
FEMA No:	2622
1.2. Relevant identified uses	of the substance or mixture and uses advised against
Identified uses	Preparation of fragrances and flavourings and mixture for professional use only.
1.3. Details of the supplier of	f the safety data sheet
Supplier 1.4. Emergency telephone n	Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate Fordingbridge SP6 1PA Tel. +44 1425 655 555 e-mail technical@madarcorporation.co.uk
SECTION 2: Hazards identif	
2.1. Classification of the sub	
Classification (SI 2019 No. 7	
Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Asp. Tox. 1 - H304
Environmental hazards	Aquatic Chronic 2 - H411
Human health	Causes serious eye irritation. May cause an allergic skin reaction. Causes skin irritation. May be fatal if swallowed and enters airways.
Environmental	Toxic to aquatic life with long lasting effects.
2.2. Label elements	
EC number	289-995-2

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Hazard	pictograms
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Signal word	Danger
Hazard statements	H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H411 Toxic to aquatic life with long lasting effects.
Precautionary statements	 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P262 Do not get in eyes, on skin, or on clothing. P331 Do NOT induce vomiting.
Contains	Linalool, Cis-beta-Ocimene, Beta Caryophyllene, 1, 8 cineole
Supplementary precautionary statements	 P261 Avoid breathing vapour/ spray. P264 Wash contaminated skin thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P302+P352 IF ON SKIN: Wash with plenty of water. P321 Specific treatment (see medical advice on this label). P332+P313 If skin irritation occurs: Get medical advice/ attention. P333+P313 If skin irritation or rash occurs: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse. P391 Collect spillage. P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

SECTION 3: Composition/information on ingredients	
	25-60%
EC number: 201-134-4	
	10-45%
EC number: 204-116-4	
	EC number: 201-134-4

Cis-beta-Ocimene		1-10%
CAS number: 3338-55-4	EC number: 222-081-3	
M factor (Acute) = 1		
Classification		
Flam. Liq. 3 - H226		
Skin Irrit. 2 - H315		
Asp. Tox. 1 - H304		
Aquatic Acute 1 - H400		
Aquatic Chronic 2 - H411		
Terpinene-1-ol-4		1-10%
CAS number: 562-74-3	EC number: 209-235-5	
Acute Tox. 4 - H302 Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
Skin Sens. 1 - H317		
STOT SE 3 - H336		
Beta Caryophyllene		1-5%
CAS number: 87-44-5	EC number: 201-746-1	
Classification		
Skin Sens. 1B - H317		
Asp. Tox. 1 - H304		
Aquatic Chronic 4 - H413		
Octan-3-one		<2%
CAS number: 106-68-3	EC number: 203-423-0	~270
Classification		
Flam. Liq. 3 - H226		
Skin Irrit. 2 - H315		
1, 8 cineole		0.01 - 5%
CAS number: 470-82-6	EC number: 207-431-5	
Classification		
Classification Flam. Liq. 3 - H226		
Skin Sens. 1B - H317		

p-menth-1-en-8-ol	1-5%
CAS number: 98-55-5	EC number: 202-680-6
Classification	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
The Full Text for all R-Phrases	and Hazard Statements are Displayed in Section 16.
SECTION 4: First aid measure	9S
4.1. Description of first aid mea	asures
Inhalation	Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Get medical attention immediately.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.
4.2. Most important symptoms	and effects, both acute and delayed
4.3. Indication of any immediat	te medical attention and special treatment needed
SECTION 5: Firefighting meas	ures
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	Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO2). Organic compounds.
5.3. Advice for firefighters	
Protective actions during firefighting	Keep upwind to avoid inhalation of gases, vapours, fumes and smoke.
Special protective equipment for firefighters	Wear full protective clothing
SECTION 6: Accidental releas	e measures
6.1. Personal precautions, pro	tective equipment and emergency procedures
Personal precautions	No smoking, sparks, flames or other sources of ignition near spillage. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation.
6.2 Environmental precaution	

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb with liquid binding material (e.g sand, diatomaceous earth, acid or universal binding agents). Collect in closed and suitable containers for disposal.

6.4. Reference to other sections 0 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK

Tel: 01425 655555 Email: technical@madarcorporation.co.uk

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

SECTION 7: Handling and	storage
7.1. Precautions for safe h	andling
Usage precautions	Avoid inhalation of vapours and contact with skin and eyes. Keep away from heat, sparks and open flame.
Advice on general occupational hygiene	Good personal hygiene procedures should be implemented.
7.2. Conditions for safe sto	prage, 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 controls/Personal protection

8.1. Control parameters	
	Linalool (CAS: 78-70-6)
DNEL	Workers - Dermal; Short term systemic effects: 5 mg/kg Workers - Inhalation; Short term systemic effects: 16.5 mg/m ³ Workers - Dermal; Long term systemic effects: 2.5 mg/kg Workers - Inhalation; Long term systemic effects: 2.8 mg/m ³ General population - Oral; Short term systemic effects: 1.5 mg/kg General population - Dermal; Short term systemic effects: 2.5 mg/kg General population - Inhalation; Short term systemic effects: 4.1 mg/m ³ General population - Oral; Long term systemic effects: 0.2 mg/kg General population - Dermal; Long term systemic effects: 1.25 mg/kg General population - Dermal; Long term systemic effects: 0.7 mg/m ³ - ; :
PNEC	 STP; Short term 10 mg/l Soil; Short term 0.327 mg/kg Intermittent release; Short term 2 mg/l Fresh water; Short term 0.2 mg/l marine water; Short term 0.02 mg/l Sediment (Freshwater); Short term 2.22 mg/kg Sediment (Marinewater); Short term 0.222 mg/kg Linalyl Acetate (CAS: 115-95-7)
DNEL	Workers - Inhalation; Long term systemic effects: 2.75 mg/m ³ Workers - Dermal; Long term systemic effects: 2.5 bw/day, mg/kg General population - Inhalation; Long term systemic effects: 0.68 mg/m ³ General population - Dermal; Long term systemic effects: 1.25 bw/day, mg/kg General population - Oral; Long term systemic effects: 0.2 bw/day, mg/kg
PNEC	 Fresh water; Short term 0.011 mg/l Intermittent release, Fresh water; 0.11 mg/l marine water; Short term 0.001 mg/l STP; Short term 10 mg/l Sediment (Freshwater); Short term 0.609 mg/kg Sediment (Marinewater); Short term 0.061 mg/kg Soil; Short term 0.115 mg/kg
	1, 8 cineole (CAS: 470-82-6)
DNEL	Workers - Inhalation; Long term systemic effects: 7.05 mg/m ³ Workers - Dermal; Long term systemic effects: 2 bw/day, mg/kg General population - Inhalation; Long term systemic effects: 1.74 mg/m ³ General population - Dermal; Long term systemic effects: 1 bw/day, mg/kg General population - Oral; Long term systemic effects: 600 mg/kg, bw/day

PNEC - Fresh water; Short term 5.7 mg/l

- Intermittent release, Fresh water; 0.57 mg/l
- marine water; Short term 5.7 mg/l
- STP; Short term 10 mg/l
- Sediment (Freshwater); Short term 1.425 mg/kg
- Sediment (Marinewater); Short term 0.142 mg/kg
- Soil; Short term 0.25 mg/kg

p-menth-1-en-8-ol (CAS: 98-55-5)

PNEC

- Fresh water; Short term 68 mg/l
- marine water; Short term 6.8 mg/l
- STP; Short term 2.6 mg/l
- Sediment (Freshwater); Short term 1.85 mg/kg
- Sediment (Marinewater); Short term 0.185 mg/kg
- Soil; Short term 0.329 mg/kg

8.2. Exposure controls

Protective equipment





Appropriate engineering controls	Provide eyewash station
Personal protection	Use personal protection according to Directive 89/686/EEC
Eye/face protection	Approved safety goggles.
Hand protection	Chemical resistant gloves (PVC)
Other skin and body protection	Wear apron or protective clothing in case of contact.
Hygiene measures	Good personal hygiene procedures should be implemented.
Respiratory protection	Generally unnecessary in a well ventilated area. If ventilation is insufficient, respiratory protection must be worn.
Thermal hazards	None known.
Environmental exposure controls	Avoid discharging into drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Colourless to pale yellow.
Odour	Characteristic.
Flash point	>66°C
Relative density	0.875 - 0.890 @ 20°C
Solubility(ies)	Insoluble in water.
9.2. Other information	

Refractive index	1 457 1 467 @ 20%0		
	1.457 - 1.467 @ 20°C		
Optical Rotation	-3.0 to -12		
Hydrocarbon Content			
SECTION 10: Stability and rea	activity		
10.1. Reactivity			
Reactivity	The substance is stable under normal storage and handling conditions.		
10.2. Chemical stability			
Stability	Stable under the prescribed storage conditions.		
10.3. Possibility of hazardous	reactions		
Possibility of hazardous reactions	Not known.		
10.4. Conditions to avoid			
Conditions to avoid	Avoid heat, flames and other sources of ignition.		
10.5. Incompatible materials			
Materials to avoid	Highly reactive chemicals which may produce unknown reaction products and so cause additional hazards.		
10.6. Hazardous decomposition	on products		
Hazardous decomposition products	Not determined.		
SECTION 11: Toxicological in	formation		
11.1. Information on toxicologi	cal effects		
Acute toxicity - oral			
ATE oral (mg/kg)	12,820.51		
Skin corrosion/irritation			
Skin corrosion/irritation	Irritating to skin.		
Serious eye damage/irritation Serious eye damage/irritation	Causes serious eye damage.		
	Causes schous eye damage.		
Aspiration hazard Aspiration hazard	May be fatal if swallowed and enters airways.		
SECTION 12: Ecological information			
Ecotoxicity	Toxic to aquatic life with long lasting effects.		
12.1. Toxicity			
12.2. Persistence and degrada			
Persistence and degradability			
12.3. Bioaccumulative potentia	_		
Bioaccumulative potential	No information available.		
12.4. Mobility in soil			
12.5. Results of PBT and vPvB assessment 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk Page 13 of 17			

Results of PBT and vPvB No data available. assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste product or used containers in accordance with local regulations

SECTION 14: Transport information

General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

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

Guidance CHIP for everyone HSG228.

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date	21/12/2022
Revision	4
Supersedes date	07/09/2018
SDS number	4949

Hazard statements in full	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation.
	H317 May cause an allergic skin reaction.
	H319 Causes serious eye irritation.
	H411 Toxic to aquatic life with long lasting effects.

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Product Specification

Product Name	LAVENDER OIL BULGARIAN ORGANIC		
Product Code			
INCI Name	Lavandula Angustifolia		
Country of Origin	Bulgaria		
Tariff Number	33012949		
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 Regulati (EC) 1334/2008 and therefore can be designated as natural.		
Food Grade Status	We confirm, from information received from our supplier, that this product conforms with EU Regulations and can be used in food.		
Kosher Certified	No but can be added	No but can be added	
Halal Certified	We hereby delcare, from information received from our supplier, that this product does not contain any ingredient derived from animal origin, extracted from hair or feathers, animal fats, animal extracts, blood of any origin, blood plasma, pork and/or other meat products. This product does not contain alcohol (ethanol or grain alcohol) and has not been used in the manufacturing process.		
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modifed organisms.		
Manufacturing Process	Obtained by steam distillation of the flowe	Obtained by steam distillation of the flowers of the Lavender Lavandula angustifolia.	
Identification	CAS No: 90063-37-9	EINECS No: 289-995-2	
	Alternative Cas: 8000-28-0	FEMA: 2622	
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Appearance	Liquid		
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Refractive Index @ 20°c	1.457 - 1.467		
Flash Point	>66°c		
Optical Rotation	-3.0 to -12		
Solubility	Insoluble in water.		
FRAGRANCE ALLERGENS			
Linalool (78-70-6) 25-60%	Limonene (5989-27-5) <1%	Geraniol (106-24-1) <1%	
Farnesol (4602-84-0) <0.01%			
FOOD ALLERGENS			
NONE PRESENT			
IFRA			
Geraniol (106-24-1) <1%	1-octon-2-1/2 cotato (2442-10-6) <12/	7-methovy/coumarin (521 50 0) <0 029/	
	1-octen-3-yl acetate (2442-10-6) <1%	7-methoxycoumarin (531-59-9) <0.03%	
Farnesol (4602-84-0) <0.01% STORAGE AND SHELF LIF	 F		
		ninimum headspace in a cool, dark and dry	
Storage	place.	initiani neauspace in a cool, uark and dry	
Shelf Life	36 months unopened and stored as ab	36 months unopened and stored as above.	

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

Vegan and Vegetarian Statement

IDENTIFICATION		
Product:	Lavender Bulgarian Organic	
Cas No:	90063-37-9/ 8000-28-0	
EINECS No:	289-995-2	
	STATEMENT	
We, Madar Corporation Limited, from information received from our supplier, hereby declare that the material listed above is suitable for the following:		
Vegans (Excludes all animal derived products, including dairy, eggs, leather, bee products (beeswax and honey).		
Lacto Vegetarians (Same as vegan but allows milk products and bee products.		
Ovo Vegetarians (Same 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.		
	ts to the best of our knowledge and from information received from our supplier. It yer from the obligation to carry out an examination of the goods received. All uses	

made by the buyer are done under their own responsibility.