<u>CERTIFICATE OF ANALYSIS</u> <u>GARLIC OIL</u>

Batch No:4459901Best Before End:February 2025

Description: Odour: A clear to pale yellow mobile liquid. Pungent, characteristic of Garlic

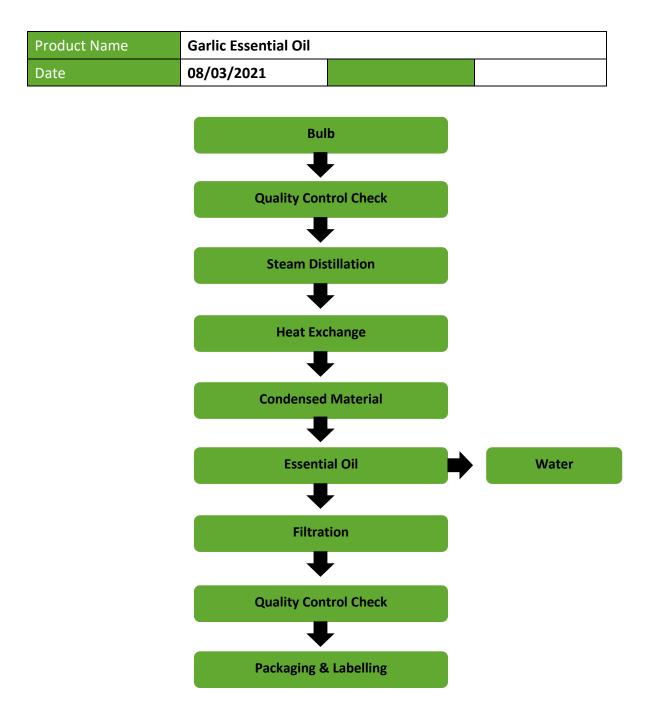
TEST	SPECIFICATION	ANALYSIS
Specific Gravity @ 15.5°C	1.050 - 1.100	1.095
Refractive Index @ 20°C	1.550 – 1.580	1.576

Product Name Garlic Essential Oil					
INCI Name Allium Sativum Bu		Allium Sativum Bulk	o Oil		
Date	08/03/2021	Product Code		Revision	2
		Material	Cas Number	Cosmetic A Inclusion (9	
	ALPHA-	SOMETHYLIONONE	127-51-5	-	
		AMYL CINNAMAL	122-40-7	-	
	AMYL C	INNAMYL ALCOHOL	101-85-9	-	
		ANISE ALCOHOL	105-13-5	-	
		BENZYL ALCOHOL	100-51-6	-	
		BENZYL BENZOATE	120-51-4	-	
	E	SENZYL CINNAMATE	103-41-3	-	
		BENZYL SALICYLATE	118-58-1	-	
	BUTYLPHENYLI	METHYLPROPIONAL	80-54-6	-	
		CINNAMAL	104-55-2	-	
CINNAMYL ALCOHOL		104-54-1	-		
CITRAL		5392-40-5	-		
		CITRONELLOL	106-22-9	-	
COUMARIN		COUMARIN	91-64-5	-	
		EUGENOL	97-53-0	-	
		RFURACEA EXTRACT	90028-67-4	-	
	EVERNIA P	RUNASTRI EXTRACT	90028-68-5	-	
		FARNESOL	4602-84-0	-	
GERANIOL			106-24-1	-	
		HEXYL CINNAMAL	101-86-0	-	
		DROXYCITRONELLAL	107-75-5	-	
	HYDROXYISOHEX	YL 3-CYCLOHEXENE	31906-04-4	-	
		ISO EUGENOL	97-54-1	-	
		LIMONENE	5989-27-5	-	
		LINALOOL	78-70-6	-	
	ME	THYL 2-OCTYNOATE	111-12-6	-	

Date

08/03/2021

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Document Date:

January 2019

STATEMENT

We hereby certify that the Garlic Essential Oil we sell is free of genetically modified materials and components. No ingredients, additives or processing aids of GM origin are used in the processing and purifying of the oil.

Product Name	Garlic Essential Oil		
INCI Name	Allium Sativium Bulb Oil		
Product Code	OEGARL		
Revision No	1 Date 08/03/2021		

We certify that the above compound is in compliance with the Standards of the International Fragrance Association (IFRA 49TH Amendment published June 25); provided it is used in the following class(es) at a maximum concentration level of the above.

Flavour use consideration - Due to the possible ingestion of small amounts of fragrance ingredients from their use in products in Categories 1 and 6, materials must not only comply with IFRA Standards but must also be recognized as safe as a flavouring ingredient as defined by the IOFI Code of Practice (www.iofi.org). For more details see chapter 1 of the Guidance for the use of IFRA Standards.

IFRA class(es) [see annex for details]	Max level of use (%)
Category 1	Not Restricted
Category 2	Not Restricted
Category 3	Not Restricted
Category 4	Not Restricted
Category 5A	Not Restricted
Category 5B	Not Restricted
Category 5C	Not Restricted
Category 5D	Not Restricted
Category 6	Not Restricted
Category 7A	Not Restricted
Category 7B	Not Restricted
Category 8	Not Restricted
Category 9	Not Restricted
Category 10A	Not Restricted
Category 10B	Not Restricted
Category 11A	Not Restricted
Category 11B	Not Restricted
Category 12	Not Restricted

For other kinds of application or use at higher concentration levels, a new evaluation may be needed.

The IFRA Standards regarding use restrictions are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee.

Evaluation of individual Fragrance ingredients is made according to the safety standards contained in the relevant section of the IFRA Code of Practice.

This certificate serves only as a guide to the maximum level of use. It is the ultimate responsibility of the customer to ensure safe formulating principles are utilised and the safety of the final product (containing this fragrance), by further testing if need be.

Note 1: It is recommended that any material used to impart perfume or flavour in products intended for human ingestion should consist of ingredients that are in compliance with appropriate regulations for foods and food flavourings in the countries of planned distribution.

Note 2: Trials must be performed to satisfy suitability for specified application.

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ANNEX: Definition of IFRA Classes

Finished product types		Flavour Use	Phototoxicity
Lip products of all types (solid and liquid lipsticks, balms, clear and coloured, etc.) Children's Toys	1	Yes	Applicable (Leave-on Products)
Deodorant and antiperspirant products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-up, under-arm, deo-cologne, etc.). Body sprays (including mist).	2	No	Applicable (Leave- on Products)
Eye products of all types (eye-shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturiser. Face make-up and foundation. Make-up remover for face and eyes. Nose pore strips. Wipes refreshing tissues for face, neck, hands, body. Body and face paint (for children and adults). Facial masks for face and around the eyes.	3	No	Applicable (Leave- on Products)
Hydroalcoholic and non-hydroalcoholic fine fragrance of all types (Eau De Toilette, Parfum, Cologne, Solid Perfume, Fragrancing Cream, Aftershaves of all types etc.) Fragranced Bracelets. Ingredients of perfume kits and fragrance mixtures for cosmetic kits. Scent pads, foil packs. Scent strips for hydroalcoholic products.	4	No	Applicable (Leave- on Products)
Body Creams, oils, lotions of all types. Foot care products (creams and powders). Insect repellent (intended to be applied to skin). All powders and talc (excluding baby powders and talc).	5A	No	Applicable (Leave- on Products)
Facial toner. Facial Moisturisers and creams.	5B	No	Applicable (Leave- on Products)
(women's facial creams) Hand cream. Nail care products including cuticle creams, etc. Hand sanitisers.	5C	No	Applicable (Leave- on Products)
Baby cream/lotion, baby oil, baby powders and talc.	5D	No	Applicable (Leave- on Products)
Toothpaste. Mouthwash, including breath sprays. Toothpowder, strips, mouthwash tablets.	6	Yes	Applicable (Leave- on Products)
Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse off hair dyes	7A	No	Applicable (Leave- on Products)
Hair sprays of all types (pumps, aerosol sprays, etc). Hair styling aids non-spray (mousse, gels, leave-on conditioners). Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes. Shampoo – Dy (waterless shampoo). Hair deodoriser.	7B	No	Applicable (Leave- on Products)
Intimate wipes. Tampons. Baby Wipes. Toilet paper (wet).	8	No	Applicable (Leave- on Products)
Bar soap. Shampoo of all types. Cleanser for face (rinse-off). Conditioner (rinse-off) Liquid soap. Body washes and shower gels of all types. Baby	9	No	Applicable (Rinse- off Products)

	1	1	1
wash, bath, shampoo. Bath gel foams, mousses, salts, oils, and other products added to bath water. Foot care products (feet are placed in bath for soaking). Shaving creams of all types (stick, gel, foams, etc.). All depilatories (including facial) and waxes for mechanical hair removal. Shampoo for pets.			
Hand wash laundry detergent (including concentrates). Laundry pre- treatment of all types (e.g. paste, sprays, sticks). Hand dishwashing detergent (including concentrates). Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.). Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates. Dry cleaning kits. Toilet seat wipes. Fabric softeners of all types including fabric softener sheets. Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes spray and wipe, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g. starch sprays, fabric treatment with fragrances after wash, deodorisers for textiles or fabrics). Floor wax. Fragranced oil for lamp ring, reed diffusers, pot-purri, liquid refills for air fresheners (non-cartridge systems), etc. Ironing water (odourised distilled water).	10A	No	Applicable (Rinse- off Products)
Animal sprays – sprays applied to animals of all types. Air fresheners sprays, manual, including aerosol and pump. Aerosol spray insecticides.	10B	No	Applicable (Rinse- off Products)
Feminine hygiene conventional pads, liners, interlabial pads. Diapers (baby and adult). Adult incontinence pant, pad. Toilet paper (dry).	11A	No	Not Apllicable (leave-on products without UV exposure)
Tights with moisturisers. Scented cocks, gloves. Facial tissues (dry tissues). Napkins. Paper Towels. Wheat bags. Facial masks (paper/protective) e.g. surgical masks used as medical device. Fertilisers, solid (pellet or powder).	11B	No	Applicable (Leave- on Products)
Candles of all types (including encased). Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods). Automated air fresheners and Fragrancing of all types (concentrated aerosol with metred doses (range 0.05 – 0.5 ml/spray) plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, liquid refills (cartridge), air freshening crystals. Air delivery systems. Cat litter. Cell phone cases. Deodorisers/maskers not intended for skin contact (e.g. fabric drying machine deodorisers and carpet powders). Fuels. Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays. Joss sticks or incense sticks. Dishwasher detergent and deodorisers – for machine wash. Olfactive board games. Paints. Plastic articles (excluding toys). Scratch and sniff. Scent pack. Scent delivery system (using dry air technology). Show polishes. Rim blocks (Toile).	12	No	Not Apllicable (Non-skin contact products)

The table was prepared with the intention to cover the vast majority of the products; however, it may not cover some specific applications. In this case other classes may be attributed based on a specific risk assessment.

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1	Product Identifi	er				
Product Name		Garlic Oil				
Biolo	gical Definition		Allium Sativum	Bulb Oil is the oil	steam distilled from	the bulb of the
			Garlic, Allium sativum L., Liliaceae.			
INCI	Name		Allium Sativum	Bulb Oil		
Syno	nyms & Trade Nam	ies	-			
CAS-I	No	8000-78-0	EC No.	-	EINECS No.	-
1.2	Relative identifi	ied uses of the sub	ostance or mix	ture and uses ad	vised against	
	Suitable for use in	n flavours and profe	ssional application	ons only.		
1.3	Details of the su	upplier of the safe	ty data sheet			
	Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate Fordingbridge SP6 1PA					
1.4	Emergency Tel.	No.	+ 44 (0) 142	5 655 555		

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture			
The full text for all hazard statements is displayed in section 16.			
Classification (EC 1272/2008)			
Physical hazards:			
- Flam. Liq. 3 – H226			
Health hazards:			
- Acute Tox. 4 – H302			
- Skin Irrit. 2 – H315			
- Skin Sens 1B – H317			
- Eye Dam 2 – H319			
2.2 Label Elements			
Label in accordance with (EC) No 1272/2008			

Signal Word Warning.		
Contains	- Diallyl disulphide	
	- Diallyl trisulphide	
Hazard Statements		
H226 - Flammable liquid and vapour.		
H302 - Harmful if swallowed.		
H315 - Causes skin irritation.		
H317 - May cause an allergic skin reaction	on.	
H319 - Causes serious eye damage.		
Precautionary Statements		
 P210 - Keep away from heat/sparks/open flames/hot surfaces No smoking P280 - Wear protective gloves/protective clothing/eye protection/face protection P301/P310 - IF SWALLOWED - Immediately call a POISON CENTER or doctor/physician P331 - Do NOT induce vomiting P302/P352 - IF ON SKIN - Wash with plenty of soap and water P305/P351/P338 - IF IN EYES - Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P337/P313 - If eye irritation persists: Get medical advice/attention 		
Supplementary Precautionary Statements		
P264 - Wash hands and exposed skin the	proughly after handling.	
2.3 Other Hazards		
PBT or vPvB according to Annex XIII	No additional data	
Adverse physio-chemical properties	No additional data	
Adverse effects on human health	H313 - May be harmful in contact with skin.	

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.1	Substances
	≤ 30% Diallyl Disulphide
	CAS: 2179-57-9
	Classification (EC 1272/2008)
	- Flam. Liq. 3 - H226
	- Acute Tox. 3 - H301
	- Skin Irrit. 2 - H315
	- Skin Sens. 1 - H317
	- Eye Irrit. 2 - H319
	≤ 15% Diallyl Trisulphide
	CAS: 2050-87-5
	Classification (EC 1272/2008)
	- Acute Tox. 4 - H302
	≤ 10% Diallyl Sulphide
	CAS: 592-88-1
	Classification (EC 1272/2008)
	- Flam. Liq. 3 - H226

04. FIRST AID MEASURES

4.1 Description of first aid measures				
Inhalation	Remove to fresh air. Remain at rest in a position which is comfortable for breathing. If			
	discomfort occurs/continues, seek medical attention.			
Ingestion	Do NOT induce vomiting. Ingestion may cause nausea and vomiting. Immediately rinse mouth			
	and provide fresh air. Seek medical attention.			
Skin Contact	Remove contaminated clothing immediately and wash before reuse. Wash skin with soap and			
	water. Seek medical attention.			
Eye Contact	Immediately rinse eyes with plenty of clean water for a minimum of fifteen minutes. Remove			
	any contact lenses and open eyes wide apart and continue rinsing. Seek medical attention.			
4.2 Most important symptoms and effects, both acute and delayed				
No addition	No additional data			
4.3 Indication of any immediate medical attention and special treatment needed				
Treat symptomatically.				

05. FIRE-FIGHTING MEASURES

5.1	Extinguishing Media
	Carbon Dioxide, Dry Chemical, Foam.
	Do NOT use water.
5.2	Special hazards arising from the product
	Flammable liquid. Keep product and empty containers away from heat, sparks and open flame. A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke. Containers close to fire should be removed or cooled with water. Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO ₂), Carbon monoxide (CO), other toxic gases.
5.3	Advice for firefighters
	Avoid inhalation of generated fumes or vapours. Wear self-contained respiratory equipment and appropriate protective clothing at all times.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avid heat, sparks and open flame. Wear protective clothing as described in Section 8 of this safety data sheet. Handle the product using protective gloves resistant to the chemicals exposed. Avoid contact with skin and inhalation of its vapours. Maintain adequate ventilation in the working area after spilling.

6.2 Environmental Precautions

Do not discharge into drains, water courses or onto the ground.

6.3 Methods and material for containment and cleaning up.

Absorb with liquid binding material e.g., sand, diatomaceous earth or vermiculite. Collect in closed and suitable containers for disposal in accordance with local, state or national legislation. Prevent any material from entering drains or waterways. Wash spill site after removal with a detergent.

6.4 Reference to other sections

Section 13

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product. Wear personal protective equipment. Do not breathe vapours or spray mist. Use only in area provided with adequate ventilation. Keep away from heat, sparks and open flame. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take necessary action to avoid static discharge as this might cause ignition of vapours.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, dark, well-ventilated area. Protect form heat, freezing and light including sunlight. Keep all containers tightly sealed when not in use.

7.3 Specific end use(s)

No additional data

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1	8.1 Control parameters		
	No additional data		
8.2	3.2 Exposure controls		
Prote	Protective Equipment		
Proce	rocess Conditions Provide eyewash station. Provide safety showers.		
Engir	neering Measures	Provide adequate ventilation or respiratory protection.	
Resp	iratory Equipment	Usually not required in a well-ventilated area. In confined or poorly ventilated area approved respiratory masks may be required.	
Hand	Protection	Wear suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.	
Eye P	Protection	Avoid contact with eyes. Wear safety goggles in accordance with standard EN166.	
Othe	r Protection	Wear appropriate clothing to prevent any possibility of skin contact.	
Hygie	Hygiene Measures Good hygiene practices are always recommended, especially when handling oils,		
chemicals or any other similar types of material.			
Perso	Personal Protection Use of chemical resistant clothing is recommended when handling.		

Skin Protection	Wear appropriate protective clothing to prevent skin contact. Work clothing worn by personnel should be laundered regularly. After contact with the product, all parts of the body that have been exposed must be washed thoroughly.
Environmental Exposure	Avoid discharging into drainage water. Only eliminate by authorised companies.
Controls	

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties		
Appearance	Liquid	
Colour	Yellow – Reddish Orange	
Odour	Characteristic; Garlic	
Relative Density	~1.075 @ 20°C	
Flash Point (°C)	30.0	
Refractive Index	~1.565 @ 20°C	
Melting Point (°C)	No additional data	
Boiling Point (°C)	No additional data	
Vapour Pressure	No additional data	
Solubility in Water @20°C	Insoluble in water.	
Auto-ignition	No additional data	
temperature (°C)		
9.2 Other information		
No additional data		

10. STABILITY AND REACTIVITY

10.1	Reactivity	
	Presents no significant reactivity hazards. Stable under normal temperature conditions and recommended	
	use.	
10.2	Chemical stability	
	Stable under the recommended handling and storage conditions in section 7.	
	Explosion data	
	Sensitivity to Mechanical Impact: None.	
	Sensitivity to Static Discharge: None.	
10.3	Possible hazardous reactions	
	Not expected under normal conditions of use.	
10.4	Conditions to Avoid	
	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Prevent storing the product in open containers for long periods so as to prevent product deterioration.	
10.5	Incompatible materials	
	Avoid contact with strong acids, alkalis or oxidising agents.	

10.6 Hazardous Decomposition Products

Not expected under normal temperature conditions and recommended use. Thermal decomposition may release/form oxides of carbon (carbon monoxide, carbon dioxide) and other toxic gases.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects		
Acute Toxicity	Harmful if swallowed. (calculation method)	
	ATE mix (oral) 303 making the classification Oral Cat: Acute Tox. 4	
	Oral LD50 Dermal LD50	
	DIALLYL DISULPHIDE 260 mg/kg (Rat) = 3600 mg/kg (Rabbit)	
	= 1826 mg/kg (Rat)	
DIALLYL SULPHIDE 2980 mg/kg (Rat) > 5 g/kg (Rabbit)		
Skin corrosion / irritation Causes skin irritation.		
Serious eye damage / irritation	Causes serious eye irritation.	
Respiratory or skin sensitisation	May cause an allergic skin reaction.	
Germ Cell Mutagenicity	Not classified.	
Carcinogenicity	Not classified.	
Reproductive toxicity	Not classified.	
STOT-single exposure	Not classified.	
STOT-repeated exposure	Not classified.	
Aspiration hazard	Not classified.	
Photo-toxicity	No additional data	
Other Information	No additional data	

12. ECOLOGICAL INFORMATION

12.1	Toxicity	
	Not classified.	
12.2	Persistence & degradability	
	No additional data	
12.3	Bioaccumulation Potential	
	No additional data	
12.4	Mobility in soil	
	Prevent contamination of soil, ground and surface water.	
12.5	.5 Results of PBT and vPvB Assessment	
	No additional data	
12.6	Other adverse effects	
	No additional data	

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods Do not allow entry into drains or waterways. Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste. Do not dispose of waste into the environment. Empty container completely. Keep label(s) on container. Dispose of via a certified disposal contractor. **14. TRANSPORT INFORMATION** 14.1 **UN number** UN No. Road 1197 UN No. SEA 1197 UN No. AIR 1197 14.2 **UN proper shipping name** EXTRACTS, FLAVOURING, LIQUID 14.3 Transport hazard class(es) ADR/RID ADR/RID-Class 3 ADR Classification Code - F1 Special provisions – 601 Limited quantities – 5L Expected quantities – E1 Emergency Action Code – 3Y Tunnel Restriction Code – D/E IMDG IMDG – Class 3 Special Provisions – 601 Limited quantities – 5L Expected quantities – E1 IMDG EMS - F-E, S-D Stowage and Handling – Category A ICAO/IATA ICAO/IATA- Class 3 IATA proper shipping name - EXTRACTS, AROMATIC, LIQUID Expected quantities - E1

Transport Labels

14.4	Packing group	
	ADR/RID Packing group	III
	IMDG Packing group	III
	ICAO Packing group	III
14.5	Environmental hazards	
	Not classed as environmenta	lly Hazardous Substance/Marine Pollutant.
14.6	5 Special precautions for user	
	See sections 6 – 8.	
14.7	.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code	
	Not defined.	

15. REGULATORY INFORMATION

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

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Workplace Exposure Limits EH40. CHIP for everyone HSG (108). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2 Chemical safety assessment

No additional data

16. OTHER INFORMATION

Hazard Statements in Full	H226 - Flammable liquid and vapour.
	H301 - Toxic if swallowed
	H302 - Harmful if swallowed.
	H315 - Causes skin irritation
H317 - May cause an allergic skin reaction	
	H319 - Causes serious eye irritation
Revision Date	08/03/2021
Rev No	5
Rev No 5	

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Product Name	Garlic Essential Oil		
Date 08/03/2021	Rev 5		
Description	Allium Sativum Bulb Oil, steam distilled oil from garlic bulb.		
Appearance	Liquid, Yellow – Reddish Orange		
Odour	Characteristic		
Origin	China/India		
INCI Name Allium Sativum Bulb Oil			
CAS Number	8000-78-0 EC Number -		

TEST SPECIFICATION

Analytical Test	Specification Range
Specific Gravity @ 20°C (g/ml)	1.050 - 1.100
Refractive Index @ 20°C	1.550 – 1.580

STORAGE

Store in a cool, dry, well-ventilated place. Keep away from heat and sunlight.

STABILITY

If stored for twenty-four months, check quality of product before use.

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Please note as this is a wholly natural material some parameters, in particular, appearance, colour and odour, may change due to natural variation and climate change. This in no way affects the quality and efficacy of the product.

Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Garlic Essential Oil

MADAR Corporation Limited can confirm that the above listed product does not contain dairy or any other animal product, by product or derivative and is therefore suitable for vegetarian and vegan use.