CERTIFICATE OF ANALYSIS

CYPRESS FRENCH OIL

Batch Number:4475404Best Before End:July 2025

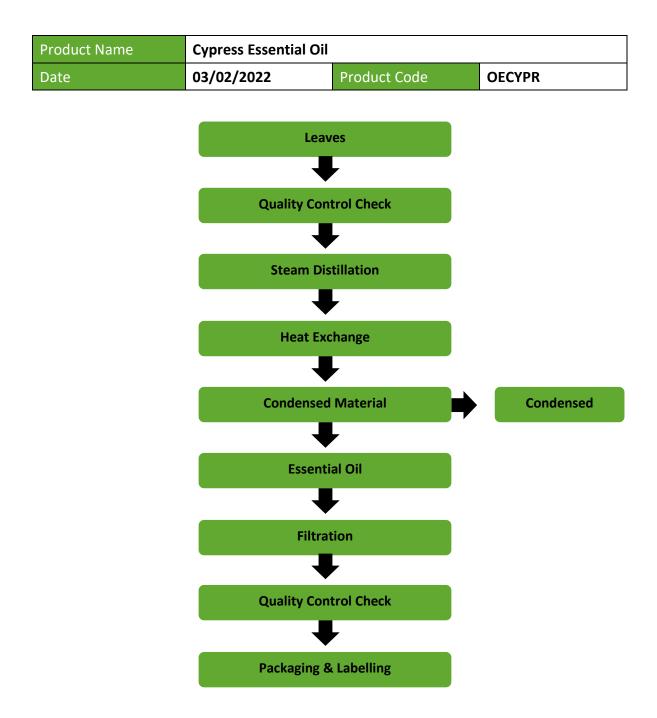
Appearance:Clear-ColourlessOdour:Characteristic

TEST	SPECIFICATION	ANALYSIS
Specific Gravity @ 20°C	0.863 – 0.885	0.867
Refractive Index @ 20°C	1.466 – 1.477	1.471
Optical Rotation @ 20°C	-5.0 to +20.0	+14.4

Product Na	me	Cypress Essential	Dil			
INCI Name		Cupressus Semper	rvirens Leaf Oil			
Date 23/03/2021 Product Code		Revision 4				
		Material	Cas Number	Cosmetic Allergens Inclusion (%)		
	ALPHA-I	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	≤ 0.01		
	B	ENZYL CINNAMATE	103-41-3	-		
		BENZYL SALICYLATE	118-58-1	≤ 0.01		
	BUTYLPHENYL	METHYLPROPIONAL	80-54-6	-		
CINNAMAL			104-55-2	-		
CINNAMYL ALCOHOL			104-54-1	-		
		CITRAL	5392-40-5	-		
		CITRONELLOL	106-22-9	≤ 0.10		
		COUMARIN	91-64-5	-		
		EUGENOL	97-53-0	≤ 0.10		
	EVERNIA FUF	RFURACEA EXTRACT	90028-67-4	-		
	EVERNIA P	RUNASTRI EXTRACT	90028-68-5	-		
		FARNESOL	4602-84-0	-		
		GERANIOL	106-24-1	≤ 0.10		
HEXYL CINNAMAL			101-86-0	-		
HYDROXYCITRONELLAL			107-75-5	-		
ł	HYDROXYISOHEX	YL 3-CYCLOHEXENE	31906-04-4	-		
		ISO EUGENOL	97-54-1	-		
		LIMONENE	5989-27-5	≤ 3.20		
		LINALOOL	78-70-6	≤ 0.40		
	ME	THYL 2-OCTYNOATE	111-12-6	-		



23/03/2021



Document Date:

September 2018

STATEMENT

We hereby certify that Cypress French Essential Oil, 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	Cypress French Essential Oil			
INCI Name	Cupressus sempervirens Leaf Oil			
Product Code	OECYPRFREN			
Revision No	1 Date		23/03/2021	

Restricted Component CAS		% Level in Product	IFRA Standard	
Limonene	5989-27-5	≤ 3.2	Specification	
Linalool	78-70-6	≤ 0.4	Specification	
Benzaldehyde	100-52-7	≤ 0.01	Restriction	
Benzyl Benzoate	120-51-4	≤ 0.01	Restriction	
Benzyl Salicylate	118-58-1	≤ 0.01	Restriction	
Carvone	99-49-0	≤ 0.01	Restriction	
Citronellal	106-23-0	≤ 0.1	Restriction	
Citronellol	106-22-9	≤ 0.1	Restriction	
Geraniol	106-24-1	≤ 0.1	Restriction	
Trans-2-Hexanal	6728-26-3	≤ 0.01	Restriction	
Longifolene	475-20-7	≤ 0.2	Restriction	
Phenyl Acetaldehyde	122-78-1	≤ 0.01	Restriction	
a-Thujone	546-80-5	≤ 0.1	Restriction	
b-Thujone	1125-12-8	≤ 0.1	Restriction	
Estragole	140-67-0	≤ 0.01	Restriction	
Furfural from naturals	98-01-1	≤ 0.01	Restriction	
Methyl Eugenol from naturals	93-15-2	≤ 0.01	Restriction	

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.

Toluene - This material should not be used as a fragrance ingredient. The level of Toluene has to be kept as low as practicable and should never exceed 100 ppm in the fragrance compound/mixture or fragrance oil.

IFRA class(es) [see annex for details]	Max level of use (%)
Category 1	Not approved
Category 2	5.50
Category 3	2.90
Category 4	10.00
Category 5A	10.00
Category 5B	5.80
Category 5C	5.80
Category 5D	1.90
Category 6	Not approved
Category 7A	5.80
Category 7B	5.80
Category 8	1.90
Category 9	8.70
Category 10A	8.70
Category 10B	10.00
Category 11A	1.90
Category 11B	1.90
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.

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 user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

ANNEX: Definition of IFRA Classes

Finished product types	IFRA Category	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	7B	No	Applicable (Leave-on Products)

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leave-on hair dyes. Shampoo – Dy (waterless shampoo). Hair deodoriser.			
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 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.	9	No	Applicable (Rinse-off Products)
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	NotApllicable(leave-onproductswithoutUVexposure)
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.	12	No	Not Apllicable (Non- skin contact products)

Scent pack. Scent delivery system (using dry air technology). Show		
polishes. Rim blocks (Toile).		

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 Ide	entifier						
Prod	Product Name			Cypress Essential Oil				
Prod	Product Code			OECYPR				
Biological Definition			Cupressus Sempervirens Leaf Oil is the volatile oil obtained from the leaves of the Cypress, Cupressus sempervirens L., Pinaceae.					
INCI	Name		Cupressu	is Semper	virens Leaf Oil			
CAS		84696-07-1	EC		283-626-9		EINECS	283-626-9
1.2	Relative ide	entified uses of the	substance	e or mixtu	re and uses ac	dvised	l against	
	No addition	al data						
1.3	3 Details of the supplier of the safety data sheet							
William Hodgson & Company								
	Unit 3 The Dairy							
	Gawsworth	Business Court						
	Shellow Lan	ie						
	North Rode							
	Congleton							
	Cheshire							
	CW12 2FQ.							
1.4	Emergency	Tel. No.		+ 44 (0) 1	.260 222 943			

02. HAZARDS IDENTIFICATION

2.1 Cla	issification of the substance or mixture
No	additional data
Classificat	tion (EC 1272/2008)
Phy	ysical hazards:
	- Flam Liq. 3 - H226
Hea	alth hazards:
	- Acute Tox. 4 - H302
	- Asp Tox. 1 - H304

Supplementary Statements				
P264 - Wash hands thoroughly 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	No additional data			

03. COMPOSITION/INFORMATION ON INGREDIENTS

Composition	
3.1	
50 - 80% alpha-Pinene	
CAS: 80-56-8	
Classification (EC 1272/2008)	
- Flam. Liq. 3 - H226	
- Acute Tox. 4 - H302	
- Asp. Tox. 1 - H304	
- Skin Irrit. 2 - H315	
- Skin Sens. 1 - H317	
- Aquatic Acute 1 - H400	
- Aquatic Chronic 1 - H410	
10 - 20% delta-3-Carene	
CAS: 13466-78-9	
Classification (EC 1272/2008)	
- Flam. Liq. 3 - H226	
- Asp. Tox. 1 - H304	
- Skin Irrit. 2 - H315	
- Skin Sens. 1 - H317	
- Aquatic Chronic 3 - H412	
10 - 20% beta-Pinene	
CAS: 127-91-3	
Classification (EC 1272/2008)	
- Flam. Liq. 3 - H226	
- Asp. Tox. 1 - H304	
- Skin Irrit. 2 - H315	
- Skin Sens. 1 - H317	
- Aquatic Acute 1 - H400 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshird Tal: 01425 655555 Empile technical@madarperpersetion	o, SP6 1PA, UK
Tel: 01425 655555 Email: technical@madarcorporatio Page 12 of 27	11.00.uk

- Aquat	ic Chronic 1 - H410
≤ 3.2% d-Limo	nene
CAS: 5989-27-	5
Classification	(EC 1272/2008)
- Flam.	Liq. 3 - H226
- Asp. T	ox. 1 - H304
- Skin Ir	rit. 2 - H315
- Skin S	ens. 1 - H317
- Aquat	ic Acute 1 - H400
- Aquat	ic Chronic 1 - H410
≤ 5% Terpinol	
CAS: 586-62-9	
Classification	(EC 1272/2008)
•	ox. 1 - H304
- Skin S	ens. 1B - H317
- Aquat	ic Acute 1 - H400
- Aquat	ic Chronic 1 - H410
≤ 5% Myrcene	
CAS: 123-35-3	
Classification	(EC 1272/2008)
- Flam.	Liq. 3 - H226
•	ox. 1 - H304
- Skin Ir	rit. 2 - H315
-	rit. 2 - H319
•	ic Acute 1 - H400
- Aquat	ic Chronic 2 - H411
≤ 5% Borneol	
CAS: 507-70-0	
Classification	(EC 1272/2008)
	Sol. 1 - H228
-	rit. 2 - H315
	am. 1 - H318
	Tox. 4 - H332
- STOT	SE 2 - H371
≤ 1% Camphei	ne
CAS: 79-92-5	

	Classification (EC 1272/2008)
	- Flam. Sol. 1 - H228
	- Eye Irrit. 2 - H319
	- Aquatic Acute 1 - H400
	- Aquatic Chronic 1 - H410
	≤ 1% alpha-Thuyene
	CAS: 2867-05-2
	Classification (EC 1272/2008)
	- Flam. Liq. 3 - H226
	- Skin Sens. 1 - H317
	≤ 1% p-Mentha-1,4-diene (gamma-Terpinene)
	CAS: 99-85-4
	Classification (EC 1272/2008)
	- Flam. Liq. 3 - H226
	- Repr. 2 - H361
	- Aquatic Chronic 2 - H411
	≤ 1% p-Cymene
	CAS: 99-87-6
	Classification (EC 1272/2008)
	- Flam. Liq. 3 - H226
	- Asp. Tox. 1 - H304
	- Repr. 2 - H361,
	- Aquatic Chronic 2 - H411
-	≤ 1% beta-Caryophyllene
	CAS: 87-44-5
	Classification (EC 1272/2008)
	- Asp. Tox. 1 - H304
	- Skin Sens. 1B - H317
	- Aquatic Chronic 4 - H413
	≤ 0.4% Linalool
	CAS: 78-70-6
	Classification (EC 1272/2008)
	- Skin Irrit. 2 - H315
	- Skin Sens. 1B - H317

- Eye Irrit. 2 - H319	
≤ 1% Eucalyptol (1,8-Cineol)	
CAS: 470-82-6	
Classification (EC 1272/2008)	
- Flam. Liq. 3 - H226	
- Skin Sens. 1B - H317	
≤ 1% Longifolene	
CAS: 475-20-7	
Classification (EC 1272/2008)	
- Asp. Tox. 1 - H304	
- Skin Sens. 1B - H317	
- Aquatic Acute 1 - H400	
- Aquatic Chronic 1 - H410	
≤ 1% Linalyl Acetate	
CAS: 115-95-7	
Classification (EC 1272/2008)	
- Skin Irrit. 2 - H315	
- Skin Sens. 1B - H317	
- Eye Irrit. 2 - H319	

04. FIRST AID MEASURES

Inhalation	Remove to fresh air and remain in a position which is comfortable for breathing. 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 and wash before reuse. Wash skin thoroughly with soap and water. If discomfort occurs/continues, seek medical attention.	
Eye Contact Rinse eyes with clean water for a minimum of fifteen minutes. If safe to do so, remove to contact lenses and continue to rinse. Seek medical attention.		
4.2 Most important symptoms and effects, both acute and delayed		

Ingestion – Risk of lung oedema.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

05. FIRE-FIGHTING MEASURES

5.1	Extinguishing Media
	Carbon Dioxide, Foam, Dry Chemical Powder.
	Do NOT use water.
5.2	Special hazards arising from the product
	In the event of fire this product can generate oxides of carbon and other toxic gases. A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke.
5.3	Advice for firefighters
	Wear self-contained respiratory equipment and appropriate protective clothing at all times. Do not inhale any gases or fumes which may be generated. Containers in close proximity to fire should be removed to a safe distance and the exterior of the container cooled with water.

06. ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures
	Wear protective clothing as recommended at all times. 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, 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

Adhere to all good health, safety and hygiene practices. If handling large/heavy packages or drums, ensure the use of suitable mechanical equipment at all times. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wear personal protective equipment. Do not breathe vapours or spray mist. Use only in area provided with adequate ventilation. Do not eat, drink or smoke whilst handling this product. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment.

7.2 Conditions for safe storage, including any incompatibilities

Store In a cool, dry, well-ventilated area. Protect from freezing, heat and light including sunlight. Protect from all potential sources of ignition. 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 Control parameters	
No additional data	
8.2 Exposure controls	
Protective Equipment	
Process Conditions	No additional data
Engineering Measures	Install sufficient ventilation across all areas. Install readily available eyewash stations and safety showers.
Respiratory Equipment	In the event of airborne contamination of ventilation failure ensure the use of suitable respiratory equipment/ protection.
Hand Protection	Wear appropriate protective chemically resistant gloves at all times which comply with EN374.
Eye Protection	Wear appropriate protective safety goggles which comply with EN166 at all times.
	No additional data eath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK 425 655555 Email: technical@madarcorporation.co.uk

Hygiene Measures	Good hygiene practices are always recommended, especially when handling oils, chemicals or any other similar type of material.
Personal Protection	No additional data
Skin Protection	Wear appropriate protective chemically resistant clothing at all times to prevent any potential skin contact with this product.
Environmental Exposure Controls	Do not allow entry into drains, water courses or onto the ground.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Mobile liquid
Colour	Colourless – Pale Yellow – Green
Odour	Characteristic
Relative Density	~0.873 @ 20°C
Flash Point (°C)	~36.0
Refractive Index	~1.473 @ 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
Auto-ignition temperature (°C)	No additional data
9.2 Other information	
Soluble in ethanol.	

10. STABILITY AND REACTIVITY

10.1	Reactivity
	Flammable liquid and vapour.
10.2	Chemical stability
	Expected to remain stable under recommended storage conditions.

10.3	Possible hazardous reactions
	No additional data
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
	Strong Acids, Alkalis, Oxidising Agents
10.6	Hazardous Decomposition Products
	Not expected under normal temperature conditions and recommended use.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects		
Acute Toxicity	Acute toxicity (oral):	
	- Harmful if swallowed.	
	CYPRESS OIL	
	ATE CLP (oral):	
	- 934.614 mg/kg bodyweight	
	ALPHA-PINENE	
	LD50 oral:	
	- 500 mg/kg bodyweight	
MYRCENE		
LD50 oral rat:		
	 > 11390 mg/kg bodyweight Animal: rat 	
	LD50 oral:	
	 > 3380 mg/kg bodyweight Animal: mouse 	
	LD50 dermal rabbit:	
	- > 5000 mg/kg bodyweight Animal: rabbit, Guideline: OECD	
	Guideline 402 (Acute Dermal Toxicity)	
	DELTA-3-CARENE	
	LD50 oral:	
	- 4800 mg/kg bodyweight	
	LC50 inhalation:	
	 rat (Dust/Mist - mg/l/4h) 1.5 mg/l/4h 	
	P-CYMENE	
	LD50 oral:	
	- 4750 mg/kg bodyweight	
	LD50 dermal rabbit:	
10.00 Condictor	- > 5000 mg/kg bodyweight th Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK	
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	EUCALYPTOL	
	LD50 oral:	
	- 2480 mg/kg bodyweight	
	D-LIMONENE	
	LD50 oral rat:	
	 > 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method) 	
	LD50 dermal rabbit	
	 > 5000 mg/l read-across from supporting substance (structural analogue or surrogate) 	
	P-MENTHA-1,4-DIENE	
	LD50 oral:	
	- 3850 mg/kg bodyweight	
TERPINOLENE		
LD50 oral:		
- 3775 mg/kg bodyweight		
LD50 oral:		
- 2790 mg/kg bodyweight		
	BORNEOL	
	LD50 oral:	
Skin corrosion / irritation	- 2500 mg/kg bodyweight n Causes skin irritation.	
Serious eye damage / irritation	Causes serious eye irritation.	
Respiratory or skin	May cause an allergic skin reaction.	
sensitisation		
Corm Coll Mutagonicity	Not classified	
Germ Cell Mutagenicity	Not classified	
Carcinogenicity	Not classified	
Reproductive toxicity	Not classified.	
	P-CYMENE	
	NOAEL (animal/male, F0/P):	
	- 50 mg/kg bodyweight	
	NOAEL (animal/female, F0/P):	
	- 100 mg/kg bodyweight	
	P-MENTHA-1,4-DIENE	
	NOAEL (animal/male, F0/P)	
	- 250 mg/kg bodyweight	
	NOAEL (animal/female, F0/P)	
10-20 Sandlahar	th Industria	
	an industriarEstate, 4 oraingonage, Hampsnire, SP6 1PA, UK	

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STOT-single exposure	No additional data	
STOT-repeated exposure	Not classified. MYRCENE	
	LOAEL (oral, rat, 90 days):	
	- 250 mg/kg bodyweight	
	- Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-	
	Day Oral Toxicity in Rodents)	
	NOAEL (subchronic, oral, animal/male, 90 days)	
	- 500 mg/kg bodyweight	
	- Animal: mouse, Animal sex: male, Guideline: OECD Guideline 408	
	(Repeated Dose 90-Day Oral Toxicity in Rodents)	
	NOAEL (subchronic, oral, animal/female, 90 days)	
	- 250 mg/kg bodyweight	
	- Animal: mouse, Animal sex: female, Guideline: OECD Guideline	
	408 (Repeated Dose 90-Day Oral Toxicity in Rodents)	
	D-LIMONENE	
	LOAEL (oral, rat, 90 days):	
	 1650 – 3300 mg/kg bodyweight/day 	
	NOAEL (subacute, oral, animal/male, 28 days)	
	- 825 mg/kg bodyweight	
	NOAEL (subacute, oral, animal/female, 28 days)	
	- 1650 mg/kg bodyweight	
Aspiration hazard	May be fatal if swallowed an enters airways.	
Photo-toxicity	No additional data	
Other Information	No additional data	

12. ECOLOGICAL INFORMATION

12.1	Toxicity		
	ECOLOGY – GENERAL		
	 Very toxic to aquatic life with long lasting effects. 		
	P-CYMENE		
	LC50 fish 1		
	- 48 mg/l Cyprinodon variegatus		
	EC50 72h algae (1)		
	- 4.03 mg/l Scenedesmus capricornutum		
	NOEC chronic algae		
	- 1.4 mg/l		
	19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK		

	D-LIMONENE		
	LC50 fish 1		
	 720 μg/l Test organisms (species): Pimephales promelas 		
	EC50 Daphnia 1		
	- 0.36 mg/l Test organisms (species): Daphnia magna		
	EC50 72h algae (1)		
	 0.32 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus) 		
	NOEC (chronic)		
	- 0.115 mg/l Test organisms (species): other:For freshwater invertebrates, species frequently include		
	Daphnia magna or Daphnia pulex. Duration: '16 d'		
12.2	Persistence & degradability		
	No additional data		
12.3	Bioaccumulation Potential		
	No additional data		
12.4	Mobility in soil		
	No additional data		
12.5	Results of PBT and vPvB Assessment		
	No additional data		
12.6	Other adverse effects		
	No additional data		

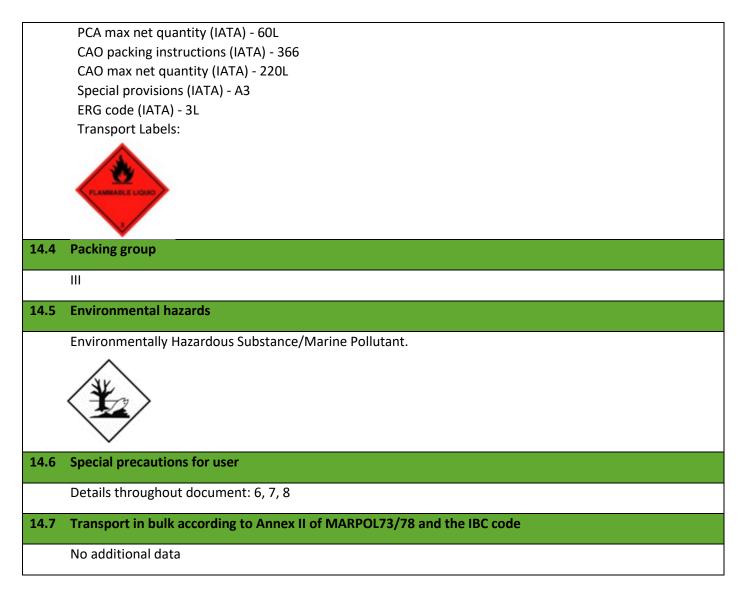
13. DISPOSAL CONSIDERATIONS

Waste treatment methods	
Always dispose of this product in accordance with local and national regulations. Do not allow entry into drair	
or waterways. Do not contaminate the ground or water with waste. Do not dispose of waste into th	
environment. Waste management is carried out without endangering human health, without harming	
environment and, in particular without risk to water, air, soil, plants or animals. Recycling is always preferable	
to disposal. When containers have been fully emptied, ensure the labelling remains.	

14. TRANSPORT INFORMATION

14.1	UN number	
	UN No. Road	UN1169
	19-20 Sandl	eheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK
Tel: 01425 655555 Email: technical@madarcorporation.co.uk		
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	UN No. SEA	UN1169	
	UN No. AIR	UN1169	
14.2	UN proper shipping name		
	EXTRACTS, AROMATIC, LIQUID		
14.3	Transport hazard class(es)		
	ADR/RID– Class 3		
	ADR Classification Code – F	1	
	Special provisions – 601		
	Limited quantities – 5L		
	Expected quantities – E1		
	Packing instructions (ADR) - P001, IBC03, LP01, R001		
	Mixed packing provisions (ADR) - MP19		
	Portable tank and bulk container instructions (ADR) - T2		
	Portable tank and bulk container special provisions (ADR) - TP1		
	Tank code (ADR) - LGBF		
	Vehicle for tank carriage - FL		
	Transport category (ADR) - 3		
	Special provisions for carriage - Packages (ADR) - V12		
	Special provisions for carriage - Operation (ADR) - S2		
	Hazard identification number (Kemler No.) - 30		
	Emergency Action Code – 3YE		
	Tunnel Restriction Code – D/E		
	Special provisions (IMDG) - 223, 955		
	Limited quantities (IMDG) - 5 L		
	Excepted quantities (IMDG) - E1		
	Packing instructions (IMDG		
	IBC packing instructions (IN		
	Tank instructions (IMDG) -		
	Tank special provisions (IM	DG) - TP1	
	EmS-No. (Fire) - F-E		
	EmS-No. (Spillage) - S-D		
	Stowage category (IMDG) -		
	•	s (IMDG) - Usually consist of alcoholic solutions. Miscibility with water depends	
	upon the composition.		
	PCA Excepted quantities (IA	-	
	PCA Limited quantities (IAT		
	PCA limited quantity max n		
	PCA packing instructions (IA	NTA) - 355 Sheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK	



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

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16. OTHER INFORMATION

Hazard Statements in Full	H226 - Flammable liquid and vapour.	
	H228 - Flammable solid.	
	H302 - Harmful if swallowed.	
	H304 - May be fatal if swallowed and enters airways.	
	H315 - Causes skin irritation.	
	H317 - May cause an allergic skin reaction.	
	H318 - Causes serious eye damage.	
	H319 - Causes serious eye irritation.	
	H332 - Harmful if inhaled.	
	H361 - Suspected of damaging fertility or the unborn child.	
	H371 - May cause damage to organs.	
	H400 - Very toxic to aquatic life.	
	H410 - Very toxic to aquatic life with long lasting effects.	
	H411 - Toxic to aquatic life with long lasting effects.	
	H412 - Harmful to aquatic life with long lasting effects.	
	H413 - May cause long lasting harmful effects to aquatic life.	
Revision Date	03/02/2022	
Dev No.	7	
Rev No	7	

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 user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

Product Name	Cypress Essential Oil		
Date 02/02/2022	Product Code OECYPR Rev 7		
Description	Description Cupressus Companying Loof Oil is the veletile oil obtained from the looves of the		
Description	Cupressus Sempervirens Leaf Oil is the volatile oil obtained from the leaves of the Cypress, Cupressus sempervirens L., Pinaceae.		
Appearance	Mobile Liquid, Colourless – Pale Yellow – Green		
Odour	Characteristic		
INCI Name	Cupressus Sempervirens Leaf Oil		
CAS Number	84696-07-1 EC Number 283-626-9		

TEST SPECIFICATION

Analytical Test	Specification Range
Specific Gravity @ 20°C (g/ml)	0.860 - 0.885
Refractive Index @ 20°C	1.465 - 1.480
Optical Rotation @ 20°C (°)	+5.0 to +30.0

STORAGE

Store in a cool, dry, well-ventilated place. Keep away from heat, freezing and light including sunlight. Protect from all potential sources of ignition. Keep all containers tightly sealed when not in 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.

Product Information – Vegan Suitability

Product: Cypress French

We, MADAR Corporation Ltd, certify that the above mentioned material is suitable for Vegans.

Issue Date: 21/09/18