CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTION APPEARANCE	MANDARIN COLD PRESSE YELLOW ORANGE TO ORA			
BATCH NUMBER	4531501			
Best Before	January 2027			
ANALYSIS		RESULTS	SPECIFICA	TION
Refractive Index 20degC		1.473	>= 1.470	<= 1.478
Density (g/ml,20c)		0.841	>= 0.840	<= 0.850

Allergen Analysis

Compound Name : MANDARIN OIL NATURAL

ingredient	CAS No.	Concentration present as a percentage (%) or 'A' for absent in		
ngreuent	CAS NO.	Added as such	From natural & other sources	Total
alpha-iso-Methylionone	127-51-5	A	A	/
Amyl Cinnamal	122-40-7	A	А	/
Amylcinnamyl Alcohol	101-85-9	A	А	
Anise Alcohol	105-13-5	A	А	
Benzyl Alcohol	100-51-6	A	A	
Benzyl Benzoate	120-51-4	A	A	
Benzyl Cinnamate	103-41-3	A	A	
Benzyl Salicylate	118-58-1	A	А	
Butylphenyl Methylpropional (Lilial)	80-54-6	A	А	
Cinnamal	104-55-2	A	А	
Cinnamyl Alcohol	104-54-1	A	А	
Citral	5392-40-5	A	0.11	0.1
Citronellol	106-22-9	A	А	
Coumarin	91-64-5	A	А	
Eugenol	97-53-0	A	A	
Evernia Furfuraceae (Tree Moss) Extract	90028-67-4	A	A	
Evernia Prunastri (Oak Moss) Extract	90028-68-5	A	A	
Farnesol	4602-84-0	A	А	
Geraniol	106-24-1	A	А	
Hexyl Cinnamal	101-86-0	A	А	
Hydoxycitronellal	107-75-5	A	А	
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde (Lyral)	31906-04-4	A	A	
Isoeugenol	97-54-1	A	A	
Limonene	5989-27-5	A	94.25	94.2
	7705-14-8			
Linalool	78-70-6	A	0.18	0.1
Methyl 2-Octynoate	111-12-6	A	А	

Food Allergen Declaration

According to (EU) 1169/2011

Compound Name : MANDARIN OIL NATURAL

We have carefully reviewed the ingredients in this product.

Allergen Source	Present
Celery and products thereof	No
Crustaceans and products thereof	No
Eggs and products thereof	No
Fish and products thereof	No
Cereals containing gluten (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strains) and products thereof	No
Lupin and products thereof	No
Milk and products thereof (including lactose)	No
Molluscs and products thereof	No
Mustard and products thereof	No
Nuts i.e. Almond, Hazelnut, Walnut, Cashew, Pecan nut, Brazil nut, Pistachio nut, Macadamia nut and Queensland nut and products thereof	No
Peanuts and products thereof	No
Sesame seeds and products thereof	No
Soybeans and products thereof	No
Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre expressed as SO2	No

			OIL NATURAL
Veg	jan	Y	No ingredients of animal origin or animal derivatives, including additives and processing aids
Veget	arian	Y	No ingredients of animal origin, including additives and processing aids. No egg or dairy; bee products are allowed
Ovo- Veget		Y	May include egg, dairy and bee products. No other ingredients of animal origin or animal derivatives, including additives and processing aids are allowed

GMO Declaration

According to 1829/2003/EC

Compound Name : MANDARIN OIL NATURAL

We have carefully reviewed the ingredients in this product for their potential genetically modified (GM) origin. The list includes ingredients which may be produced from other GM ingredients

Material	Present	Of GMO Origin
Chicory	No	-
Cotton	No	-
Maize	No	-
Potato	No	-
Rapeseed (Canola)	No	-
Soya	No	-
Sugar Beet	No	-
Tomato	No	-
Wheat	No	-

Product Name Mandarin Oil

We certify that the above product is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), 50th Amendment

to the IFRA Code of Practice (published June,2021), provided it is used in the following class(es) at a maximum concentration level of:

IFRA Class	Maximum level of use (%)
Category 1	73.33
Category 2	21.33
Category 3	66.67
Category 4	100
Category 5A	100
Category 5B	100
Category 5C	100
Category 5D	34
Category 6	100
Category 7A	100
Category 7B	100
Category 8	34
Category 9	100
Category 10A	100
Category 10B	100
Category 11A	34
Category 11B	34
Category 12	100

Components

1 Citral	0.11%
2	
3	

The IFRA Standards regarding use restrictions are based on safety assessments by the panel of experts of the RIFM and are enforced by the IFRA Scientific Committee. This Certificate provides restrictions for use of the specified product based only on those materials

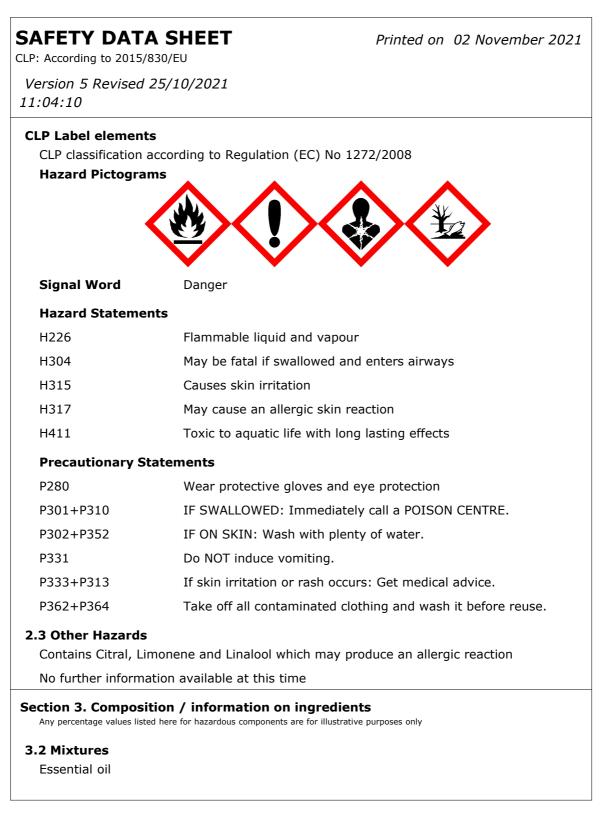
restricted by IFRA Standards for the toxicity endpoint(s) described in each Standard. This Certificate does not provide certification of a comprehensive safety assessment of all product constituents. It is the ultimate responsibility of our customer to ensure the safety of the final product with other tests if necessary.

ANNEX : Definition of IFRA Classes 50th Amendment

IFRA class Category 1	Product application Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.)
Category 2	Children's toys 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-on, under-arm, deocologne, etc.)
	Body sprays (including body mist)
Category 3	Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturizer. Facial make up and foundation
	Make-up remover for face and eyes
	Nose pore strips
	Wipes or refreshing tissues for face, neck, hands, body
	Body and face paint (for children and adults)
	Facial masks for face and around the eyes
Category 4	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
0-1	Scent strips for hydroalcoholic products
Category 5A	Body creams, oils, lotions of all types
	Foot care products (creams and powders)
	Insect repellent (intended to be applied to the skin)
Category 5B	All powders and talc (excluding baby powders and talc) Facial toner
Calegory 5B	Facial moler Facial moisturizers and creams
Category 5C	Hand cream
Category 50	Nail care products including cuticle creams, etc.
	Hand sanitizers
Category 5D	Baby cream/lotion, baby oil, baby powders and talc
Category 6	Toothpaste
	Mouthwash, including breath sprays
	Toothpowder, strips, mouthwash tablets
Category 7A	Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes
Category 7B	Hair sprays of all types (pumps, aerosol sprays, etc.) Hair styling aids non sprays (mousse, gels, leave- on conditioners)
	Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes
	Shampoo - Dry (waterless shampoo)
	Hair deodorizer
Category 8	Intimate wipes
	Tampons
	Baby wipes
Catagory 0	Toilet paper (wet)
Category 9	Bar soap Shampaa af all tura
	Shampoo of all type Cleanser for face (rinse-off)
	Conditioner (rinse-off)
	Liquid soap
	Body washes and shower gels of all types
	Baby wash, bath, shampoo
	Bath gels, foams, mousses, salts, oils and other products added to bathwater
	Foot care products (feet are placed in a bath for soaking)
	Shaving creams of all types (stick, gels, foams, etc.)
	All depilatories (including facial) and waxes for mechanical hair removal
	Shampoos for pets

IFRA class Product application Category 10A 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 sprays and wipes, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics) Floor wax Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc. Ironing water (Odorized distilled water) Category 10B Animal sprays – sprays applied to animals of all types Air freshener sprays, manual, including aerosol and pump Aerosol/spray insecticides Category 11A Feminine hygiene conventional pads, liners, interlabial pads Diapers (baby and adult) Adult incontinence pant, pad Toilet paper (dry) Tights with moisturizers Category 11B Scented socks, gloves Facial tissues (dry tissues) Napkins Paper towels Wheat bags Facial masks (paper/protective) e.g.surgical masks not used as medicaldevice Fertilizers, solid (pellet or powder) Category 12 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 metered doses (range 0.05-0.5mL/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 Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders) Fuels Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays Joss sticks or incense sticks Dishwash detergent and deodorizers - for machine wash Olfactive board games Paints Plastic articles (excluding toys) Scratch and sniff Scent pack Scent delivery system (using dry air technology) Shoe polishes Rim blocks (Toilet)

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Section 1. Identificati	on of the substance/mixtu	re and of the co	ompany/undertaking
1.1 Product Identifie	r		
Product Name	MANDARIN OIL NATURAL		
Alternative Name			
REACH Reg No	Not registered		
1.2 Relevant identifie	ed uses of the substance or	mixture and u	ses advised against
Concentrated materia	al for manufacturing purposes	only	
1.2 Details of the sum	alier of the cofety data ch	t	
1.5 Details of the sup	plier of the safety data she Madar Corporation Limited		
	19 - 20 Sandleheath Indus Fordingbridge SP6 1PA	trial Estate	
Telephone Number	+44 (0)1425 655 555		
Email Address	technical@madarcorporation	on.co.uk	
1.4 Emergency Tel No	9 +44 (0)1425 655 555		
Section 2. Hazard Ide	ntification		
2.1 Classification of t	he substance or mixture		
FL 3	Flammable liquid, category	3	
AH 1	Aspiration hazard, category	y 1	
SCI 2	Skin corrosion/irritation, ca	ategory 2	
SS 1B	Skin sensitisation, category	/ 1B	
EH C2	Aquatic hazard, chronic, ca	tegory 2	



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Hazardous components ID Numbers Chemical Name, Classification

ID Numbers	Chemical Name, Classification and Hazards	Conc (%)
CAS 5989-27-5 d-Limonene (p-Mentha-1,8-diene) EINECS 227-813-5 H 1;SCI 2;SS 1B;EH A1,C1 REACH AH 1;SCI 2;SS 1B;EH A1,C1 H304,H315,H317,H400,H410		>=25%
CAS 123-35-3 EINECS 204-622-5 REACH	Myrcene FL 3;AH 1;SCI 2;EDI 2 H226,H304,H315,H319	>=1%,<3%
CAS 99-85-4 EINECS 202-794-6 REACH	gamma-Terpinene (p-Mentha-1,4-diene) FL 3;AH 1 H226,H304	>=1%,<3%
CAS 80-56-8 EINECS 201-291-9 REACH	alpha-Pinene AH 1;SCI 2;SS 1B;EH A1,C1 H304,H315,H317,H400,H410	>=0.1%,<1%
CAS 586-62-9 EINECS 209-578-0 REACH	Terpinolene AH 1;SS 1B;EH A1,C1 H304,H317,H400,H410	>=0.1%,<1%

Refer to section 16 for the wording of listed classification and hazard statement codes

Section 4. First Aid measures

Take phrases in sections 2 into account

4.1 Description of first aid measures

After inhalation

Remove from the exposure area to fresh air. Contact a doctor if necessary.

After skin contact

Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.

After eye contact

Flush with plenty of water and seek medical advice if necessary.

After ingestion

Wash mouth with plenty of water and obtain medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further information available at this time

4.3 Indication of immediate medical attention and special treatment needed

No further information available at this time

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Section 5. Fire-fighting measures

5.1 Extinguishing Media

Carbon dioxide, foam or dry powder. DO NOT USE A DIRECT WATER JET.

5.2 Special hazards arising from the substance or mixture

May produce Carbon dioxide and unidentified organic compounds.

5.3 Advice for fire-fighters

Wear protective clothing and avoid inhalation of vapours. Keep containers cool with water spray

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Avoid inhalation, skin and eye contact. Ensure proper ventilation.

6.2 Environmental precautions

Do not discharge directly into drains or the soil. Keep away from surface and ground water $% \left({{{\left[{{{\rm{c}}} \right]}_{{\rm{c}}}}_{{\rm{c}}}} \right)$

6.3 Methods and material for containment and cleaning up

Soak up spillage with sand or other inert absorbant material such as earth or vemiculite; transfer used material to a suitable waste container and dispose in accordance with regulations.

6.4 Reference to other sections

Refer to information in Sections 7, 8 and 13

Section 7. Handling and storage

7.1 Precautions for safe handling

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly sealed original containers away from ignition sources and in a cool place.

7.3 Specific end use(s)

No further information available

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Section 8. Exposure controls	s / personal protection
8.1 Control Parameters No information	
8.2 Exposure controls Engineering controls No information	
	asures ic fire/chemical personal protective equipment advice. e breaks, meals and at the end of the work period.
Eye/face protection	
Wear safety goggles.	
Hand protection	
Wear chemically resistant di	isposable gloves.
Other skin protection	
Wear overalls. Always wash period.	n routinely before breaks, meals and at the end of the work
Respiratory protection	
Not generally required. Use	e inhalation protection in poorly ventilated areas
Thermal hazards	
No information	
Environmental exposure of No information	controls
Section 9. Physical and chen	nical properties
9.1 Information on basic pl	nysical and chemical properties
FLASH POINT (°C)	43
Colour	YELLOW ORANGE TO ORANGE
Aroma	RICH SWEET MANDARIN
Solubility	INSOLUBLE
9.2 Other information No further information availa	able

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Section 10. Stability and reactivity

10.1 Reactivity

Not determined

10.2 Chemical Stability Not determined

10.3 Possibility of hazardous reactions Not determined

10.4 Conditions to avoid

Extreme temperatures

10.5 Incompatible materials

Highly reactive chemicals which may produce unknown reaction products and so cause additional hazards.

10.6 Hazardous decomposition products

Not determined

Section 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity No data available

Skin corrosion / irritation No data

Serious eye damage / irritation No data

Respiratory or skin sensitisation No data

Germ cell mutagenicity No data

Carcinogenicity

No data

Reproductive toxicity

No data

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STO-single exposure

No data

STO-repeated exposure

No data

Aspiration hazard

No data

Information on likely routes of exposure

No data

Symptoms related to the physical, chemical and toxicological characteristics No data

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data

Interactive effects

No data

Other information

No data

Section 12. Ecological information

12.1 Toxicity

No data available. Avoid soil, surface water and water-bearing stratum contamination.

12.2 Persistence and degradability

No data

12.3 Bioaccumulative potential

No data

12.4 Mobility in soil

No data

12.5 Results of PBT and vPvB assessment

No data

12.6 Other adverse effects

No data available

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Section 13. Disposal consi	deration	IS
Please refer to the informati	on in sec	tion 8 (Exposure controls and personal protection)
13.1 Waste treatment me		
Dispose in accordance wit	h the law	and local regulations. Treat as trade effluent.
Section 14. Transport info	rmation	
14.1 UN number		1169
14.2 UN proper shipping	name	EXTRACTS, AROMATIC, LIQUID
14.3 Transport hazard cla	iss(es)	3
14.4 Packing group		III
Tunnel Code		(D/E)
14.5 Environmental Haza Marine poillutant- contain		mentally hazardous substances (Limeonen)
14.6 Special precautions No relevant information a		
14.7 Transport in bulk ac Not applicable	cording t	to Annex II of MARPOL73/78 and the IBC Code
Section 15. Regulatory inf	ormatio	n
		ental regulations/legislation specific for the
No relevant information a	vailable a	at this time
15.2 Chemical safety asse	essment	
A chemical safety assess	nent has	not been carried out
Section 16. Other informa	tion	
Full list of precautionar	y phrase	25
		from heat, hot surfaces, sparks, open flames and on sources. No smoking.
P262 Do	o not get	in eyes, on skin, or on clothing.
P273 Av	void relea	se to the environment.
	-	ctive gloves and eye protection
P301+P310 IF	SWALLO	WED: Immediately call a POISON CENTRE.

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P302+P352	IF ON SKIN: Wash with plenty of water.			
P331	Do NOT induce vomiting.			
P333+P313	If skin irritation or rash occurs: Get medical advice.			
P362+P364	Take off all contaminated clothing and wash it before reuse.			
P391	Collect spillage.			
Wording of any hazard classes listed in section 3				
FL 3	Flammable liquid, category 3			
AH 1	Aspiration hazard, category 1			
SCI 2	Skin corrosion/irritation, category 2			
SS 1B	Skin sensitisation, category 1B			
EDI 2	Eye damage/irritation, category 2			
EH A1	Aquatic hazard, acute, category 1			
EH C1	Aquatic hazard, chronic, category 1			
Wording of any hazard statements listed in section 3				
H226	Flammable liquid and vapour			
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			
H400	Very toxic to aquatic life			
H410	Very toxic to aquatic life with long lasting effects			

PRODUCT SPECIFICATION

T MANDARIN				
ANGE TO ORANGE LIQUID				
>= 1.470	<= 1.478			
>= 0.840	<= 0.850			
Α	ANGE TO ORANGE LIQUID	ANGE TO ORANGE LIQUID >= 1.470 <= 1.478	ANGE TO ORANGE LIQUID >= 1.470 <= 1.478	ANGE TO ORANGE LIQUID >= 1.470 <= 1.478

 Shelf Life
 : 6 Months

 (if stored in full airtight containers, protected from heat and direct sunlight)

Version Number : 5 Version Date : 25 October 2021