#### **CERTIFICATE OF ANALYSIS**

PRODUCT DESCRIPTIONORANGE BLOOD OILAPPEARANCEORANGE TO RED LIQUIDBATCH NUMBER4545011BEST BEFORE END06/2027

ANALYSIS RESULTS SPECIFICATION

Refractive Index 20degC	1.473	>= 1.472 <= 1.478
Optical Rotation	97.6	>= 92.0 <= 99.0
Density (g/ml,20c)	0.843	>= 0.842 <= 0.848
Aldehyde content (as decanal)	0.6	>= 0.4

#### **Cosmetic Allergens**

BLOOD ORANGE OIL

According to EU Cosmetic Regulation, including amendment ((EU) 2023/1545) published on July 27th 2023

these substances below have been identified as dermal allergens.

Allergens	CAS #	Total (%)
3-Propylidenephthalide	17369-59-4	0.0000
6-Methyl Coumarin	92-48-8	0.0000
Acetyl Cedrene	32388-55-9	0.0000
Alpha-Isomethyl Ionone	127-51-5	0.0000
Alpha-Terpinene	99-86-5	0.0000
α-Amyl cinnamic aldehyde	122-40-7	0.0000
Amyl Salicylate	2050-08-0	0.0000
α-Amyl cinnamic alcohol	101-85-9	0.0000
Anethole	104-46-1/ 4180-23-8	0.0000
Anisyl alcohol	105-13-5	0.0000
Benzaldehyde	100-52-7	0.0000
Benzyl Alcohol	100-51-6	0.0000
Benzyl Benzoate	120-51-4	0.0000
Benzyl Cinnamate	103-41-3	0.0000
Benzyl Salicylate	118-58-1	0.0000
Beta-Caryophyllene	87-44-5	0.0000
Camphor	464-48-2	0.0000
Cananga Odorata Oil/Extract	83863-30-3/ 8006-81-3/ 68606-83-7/ 93686-30-7	0.0000
Carvone	99-49-0/ 6485-40-1/ 2244-16-8	0.0000
Cedrus Atlantica Oil/ Extract	92201-55-3/ 8023-85-6	0.0000
Cinnamic aldehyde	104-55-2	0.0000
Cinnamomum Cassia Leaf Oil	8007-80-5/ 84961-46-6	0.0000
Cinnamomum Zeylanicum Bark Oil	8015-91-6/ 84649-98-9	0.0000
Cinnamic alcohol	104-54-1	0.0000
Citral	5392-40-5/ 141-27-5/ 106-26-3	0.2000
Citronellol	106-22-9/ 26489-01-0/ 1117-61-9/ 7540-51-4	0.0000
Citrus Aurantium Bergamia Peel Oil	8007-75-8/ 89957-91-5/ 68648-33-9/ 85049-52-1	0.0000
Citrus Aurantium Flower Oil	72968-50-4/ 8028-48-6/ 8016-38-4	0.0000
Citrus Aurantium Peel Oil	68916-04-1/72968-50-4/97766-30-8/8028-48-6/8008-57-9	100.0000
Citrus Limon Peel Oil	84929-31-7/ 8008-56-8	0.0000
Coumarin	91-64-5	0.0000
Dimethyl Phenethyl Acetate	151-05-3	0.0000

3-Methyl-5-(2,2,3-Trimethyl-3-	67801-20-1	0.0000
Eucalyptus Globulus Oil	97926-40-4/ 8000-48-4	0.0000
Allergens	CAS #	Total (%)
Eugenia Caryophyllus Oil	8000-34-8/ 8015-97-2/ 84961-50-2	0.0000
Eugenol	97-53-0	0.0000
Eugenyl Acetate	93-28-7	0.0000
Treemoss extracts	90028-67-4	0.0000
Oakmoss extracts	90028-68-5	0.0000
Farnesol	4602-84-0	0.0000
Geraniol	106-24-1	0.0000
Geranyl Acetate	105-87-3	0.0000
Hexadecanolactone	109-29-5	0.0000
Hexamethylindanopyran	1222-05-5	0.0000
α-Hexyl cinnamic aldehyde	101-86-0	0.0000
Hydroxycitronellal	107-75-5	0.0000
Isoeugenol	97-54-1/ 5932-68-3/ 5912-86-7	0.0000
Isoeugenyl Acetate	93-29-8	0.0000
Jasmine Oil/Extract	84776-64-7/ 90045-94-6/ 8022-96-6/ 8024-43-9	0.0000
Juniperus Virginiana Oil	8000-27-9/ 85085-41-2	0.0000
Laurus Nobilis Leaf Oil	8002-41-3/ 8007-48-5/ 84603-73-6	0.0000
Lavandula Oil/ Extract	65-8/ 8000-28-0/ 90063-37-9	0.0000
Lemongrass Oil	8007-02-1/ 89998-16-3/ 91844-92-7	0.0000
Limonene	138-86-3/ 7705-14-8/ 5989-27-5/ 5989-54-8	97.0000
Linalool	78-70-6	0.2000
Linalyl Acetate	115-95-7	0.0000
Lippia Citriodora Absolute	8024-12-2/ 85116-63-8	0.0000
Mentha Piperita Oil	8006-90-4/ 84082-70-2	0.0000
Mentha Viridis Leaf Oil	8008-79-5/ 84696-51-5	0.0000
Menthol	89-78-1/ 1490-04-6/ 2216-51-5/ 15356-60-2	0.0000
Methyl heptine carbonate	111-12-6	0.0000
Methyl Salicylate	119-36-8	0.0000
Myroxylon Pereirae Oil/ Extract	8007-00-9	0.0000
Narcissus Extract	90064-26-9/ 68917-12-4/ 90064-27-0/ 90064-25-8	0.0000
Pelargonium Graveolens Flower Oil	90082-51-2/ 8000-46-2	0.0000
Pinene	80-56-8/ 7785-70-8/ 127-91-3/ 18172-67-3	1.0000
Pinus Mugo	90082-72-7	0.0000
Pinus Pumila	97676-05-6	0.0000
Pogostemon Cablin Oil	8014-09-3/ 84238-39-1	0.0000
Rose Flower Oil/Extract	13-7/ 92347-25-6	0.0000
Rose Ketones	82-3/ 23726-92-3/ 23726-91-2	0.0000
Salicylaldehyde	90-02-8	0.0000
Santalol	11031-45-1/115-71-9/77-42-9	0.0000
Santalum Album Oil	8006-87-9/ 84787-70-2	0.0000
Sclareol	515-03-7	0.0000
Terpineol	8000-41-7/ 98-55-5/ 138-87-4/ 586-81-2	0.1000
Terpinolene	586-62-9	0.0000
Tetramethylacetyloctahydronaphthalen		0.0000
es	54464-57-2/ 54464-59-4/ 68155-66-8/ 68155-67-9	0.0000
Trimethylbenzenepropanol	103694-68-4	0.0000
Turpentine	9005-90-7/ 8006-64-2/ 8052-14-0	0.0000
Vanillin	121-33-5	0.0000

#### Production of Blood Orange Oil



#### **GMO Statement**

PRODUCT NAME: Orange Blood Essential Oil

MADAR Corporation Limited can confirm that the above listed product is GMO Free.

1-12-2023

Product Name Orange Oil Blood

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	0.15%
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	Product application
Category 1	Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.) Children's toys
Category 2	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
	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)
	All powders and talc (excluding baby powders and talc)
Category 5B	Facial toner
	Facial moisturizers and creams
Category 5C	Hand cream
	Nail care products including cuticle creams, etc.
Category 5D	Hand sanitizers Baby cream/lotion, baby oil, baby powders and talc
Category 6	Toothpaste
category c	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
Category	Tampons
	Baby wipes
	Toilet paper (wet)
Category 9	Bar soap
	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) Category 11B Tights with moisturizers 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)

SAFETY DATA S CLP: According to 2015/830/E		Printed on	01 Mar 2022
Version 5 Revised 15/0 14:09:12	08/2019		
Section 1. Identification	n of the substance/mixture and of	the company/	undertaking
1.1 Product I dentifier			
Product Name	BLOOD ORANGE OIL		
Code Number	RCP-78888		
Alternative Name REACH Reg No	01-2119493353-35-0020		
	l uses of the substance or mixture a	and uses advis	sed against
	for manufacturing purposes only		5
1.3 Details of the supp	lier of the safety data sheet		
	Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate Fordingbridge SP6 1PA		
Telephone Number Email Address	+44 (0)1425 655 555 technical@madarcorporation.co.uk		
1.4 Emergency Tel No	+44 (0)1425 655 555		
Section 2. Hazard I den	tification		
2.1 Classification of th	e substance or mixture		
FL 3	Flammable liquid, category 3		
AH 1	Aspiration hazard, category 1		
SCI 2	Skin corrosion/irritation, category 2		
SS 1	Skin sensitisation, category 1		
EH C2	Aquatic hazard, chronic, category 2		
2.2 CLP Label element	S		

Code Number		
RCP-78888Version		
Hazard Pictogra	according to Regulation (EC) No 1272/2008 ms	
0	$\land \land \land \land$	
•		
Signal Word	Danger	
Hazard Stateme		
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	
H411	Toxic to aquatic life with long lasting effects	
Precautionary St	tatements	
P262	Do not get in eyes, on skin, or on clothing.	
P273	Avoid release to the environment.	
P280	Wear protective gloves and eye protection	
P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE.	
P331	Do NOT induce vomiting.	
P391	Collect spillage.	
2.3 Other Hazards		
Contains Citral, Li	monene and Linalool which may produce an allergic reaction	
No further informa	ation available at this time	
	tion / information on ingredients	
Any percentage values liste	ed here for hazardous components are for illustrative purposes only	

. According to 2010	5/830/EU		
Version 5 Revised	d 15/08/2019		
4:09:12			
3.1 Substances			
Description	BLOOD ORANGE OIL		
EC/EINECS	232-433-8		
CAS Number	8028-48-6		
USCAS Number	8008-57-9		
Hazardous compo	onents		
ID Numbers	Chemical Name, Classification and Hazards		Conc (%)
CAS 5989-27-5	d-Limonene (p-Mentha-1,8-diene)		05 0000
EINECS 227-813-5 REACH	AH 1; SCI 2; SS 1B; EH A1, C1 H304, H315, H317, H400, H410		95.0000
CAS 123-35-3	Myrcene		2.0000
EINECS 204-622-5 REACH	FL 3; AH 1; SCI 2; EDI 2 H226,H304,H315,H319		2.0000
Refer to section 16 fo	pr the wording of listed classification and hazard statem	ent codes	
Section 4. First Ai	d magguras		
	ction 2 into account		
	f first aid measures		
After inhalatior			
	' e exposure area to fresh air. Contact a doctor if ne	ecessary	
	•	cccssury.	
	4		
After skin conta		vator Sook	modical
After skin conta Remove contami	nated clothing. Wash thoroughly with soap and w	vater. Seek	medical
After skin conta Remove contami	nated clothing. Wash thoroughly with soap and w n persists or there is any sign of tissue damage.	vater. Seek	medical
After skin conta Remove contami advice if irritation After eye conta	nated clothing. Wash thoroughly with soap and w n persists or there is any sign of tissue damage.	vater. Seek	medical
After skin conta Remove contami advice if irritation After eye conta Flush with plenty	nated clothing. Wash thoroughly with soap and w n persists or there is any sign of tissue damage. act y of water and seek medical advice if necessary.	vater. Seek	medical
After skin conta Remove contami advice if irritation After eye conta Flush with plenty After ingestion	nated clothing. Wash thoroughly with soap and w n persists or there is any sign of tissue damage. act y of water and seek medical advice if necessary.		medical
After skin conta Remove contami advice if irritation After eye conta Flush with plenty After ingestion Wash mouth with	nated clothing. Wash thoroughly with soap and w n persists or there is any sign of tissue damage. act y of water and seek medical advice if necessary.	ediately.	medical
After skin conta Remove contami advice if irritation After eye conta Flush with plenty After ingestion Wash mouth with 4.2 Most importa	nated clothing. Wash thoroughly with soap and w n persists or there is any sign of tissue damage. act y of water and seek medical advice if necessary.	ediately.	medical
After skin conta Remove contami advice if irritation After eye conta Flush with plenty After ingestion Wash mouth with 4.2 Most importan No further inform	nated clothing. Wash thoroughly with soap and w n persists or there is any sign of tissue damage. act y of water and seek medical advice if necessary. In plenty of water and obtain medical advice imme nt symptoms and effects, both acute and del	ediately. ayed	

SAFETY DATA SHEET CLP: According to 2015/830/EU	Printed on 01 Mar 2022
Version 5 Revised 15/08/2019 14:09:12	
Section 5. Fire-fighting measures	
<ul> <li>5.1 Extinguishing Media</li> <li>Carbon dioxide, foam or dry powder</li> <li>DO NOT USE A DIRECT WATER JET.</li> <li>5.2 Special hazards arising from the substance or mixture</li> <li>May produce Carbon dioxide and unidentified organic compounding</li> </ul>	ds.
5.3 Advice for fire-fighters Wear protective clothing and avoid inhalation of vapours.	
Section 6. Accidental release measures	
<ul> <li>6.1 Personal precautions, protective equipment and emerg</li> <li>Remove all sources of ignition.</li> <li>Avoid inhalation, skin and eye contact.</li> <li>Ensure proper ventilation.</li> </ul>	ency procedures
6.2 Environmental precautions	
Do not discharge directly into drains or the soil. Keep away frow water	om surface and ground
6.3 Methods and material for containment and cleaning up	
Soak up spillage with sand or other inert absorbant material su vemiculite; transfer used material to a suitable waste container 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 inhala and eyes.	tion and contact with skin
7.2 Conditions for safe storage, including any incompatibility Store in tightly sealed original containers away from ignition se	
7.3 Specific end use(s) No further information available	

SAFETY DATA SHEE	ET	Printed on 01 Mar 202
Version 5 Revised 15/08/20 14:09:12	019	
Section 8. Exposure controls	/ personal protection	
8.1 Control Parameters No information available		
8.2 Exposure controls		
Engineering controls		
No information available		
Individual protection mea	sures	
	c fire/chemical personal protect e breaks, meals and at the end	
Eye/face protection		
Wear safety goggles.		
Hand protection		
Wear chemically resistant dis	sposable gloves.	
Other skin protection		
Wear overalls. Always wash period.	routinely before breaks, meals	and at the end of the work
Respiratory protection		
	inhalation protection in poorly v	ventilated areas
Thermal hazards		
No information available		
Environmental exposure c	ontrols	
No information available		
Section 9. Physical and chem	ical properties	
9.1 Information on basic phy	ysical and chemical propertion	es
FLASH POINT (°C)	48	
Colour	Orange to red	
Aroma	Rich peely orange	
Solubility	Insoluble	
9.2 Other information		
No further information availa	ble	

SAFETY DATA SHEET CLP: According to 2015/830/EU	Printed on 01 Mar 2022
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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	
<ul> <li>10.5 Incompatible materials</li> <li>Highly reactive chemicals which may produce unknown rea additional hazards.</li> <li>10.6 Hazardous decomposition products</li> <li>Not determined</li> </ul>	action products and so cause
Section 11. Toxicological information	
11.1 Information on toxicological effects	
Acute toxicity	
Skin corrosion / irritation No data available	
Serious eye damage / irritation No data available	
Respiratory or skin sensitisation No data available	
Germ cell mutagenicity No data available	
Carcinogenicity No data available	
Reproductive toxicity No data available	

#### SAFETY DATA SHEET Printed on 01 Mar 2022 CLP: According to 2015/830/EU Version 5 Revised 15/08/2019 14:09:12 STO-single exposure No data available STO-repeated exposure No data available Aspiration hazard No data available Information on likely routes of exposure No data available Symptoms related to the physical, chemical and toxicological characteristics No data available Delayed and immediate effects as well as chronic effects from short and long-term exposure No data available Interactive effects No data available Other information No data available 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 available 12.3 Bioaccumulative potential No data available 12.4 Mobility in soil No data available 12.5 Results of PBT and vPvB assessment No data available 12.6 Other adverse effects No data available

SAFETY DATA SH CLP: According to 2015/830/EL		Printed on 01 Mar 202.	
Version 5 Revised 15/00 14:09:12			
13.1 Waste treatment m	tion in se nethods	ons ection 8 (Exposure controls and personal protection) aw and local regulations. Treat as trade effluent.	
Section 14. Transport inf	ormatio	n	
14.1 UN number		1169	
14.2 UN proper shipping	g name	EXTRACTS, AROMATIC, LIQUID	
14.3 Transport hazard c	lass(es)	3	
14.4 Packing group		111	
Tunnel Code		(D/E)	
14.5 Environmental Haz Marine Pollutant - conta		onmentally hazardous substances (limonene)	
14.6 Special precaution: No relevant information			
14.7 Transport in bulk a Not applicable	ccordin	g to Annex II of MARPOL73/78 and the IBC Code	
Section 15. Regulatory ir	nformati	ion	
15.1 Safety, health and substance or mixture No relevant information		mental regulations/legislation specific for the	
15.2 Chemical safety assessment			
A chemical safety assess	sment ha	s not been carried out	
Section 16. Other inform	ation		
Full list of precautiona	ary phra	ses	
P262	Do not ge	et in eyes, on skin, or on clothing.	
		ease to the environment.	
P280	Wear pro	tective gloves and eye protection	
P301+P310	IF SWALL	OWED: Immediately call a POISON CENTRE.	
P331	Do NOT i	nduce vomiting.	

#### SAFETY DATA SHEET

Printed on 01 Mar 2022

CLP: According to 2015/830/EU

Version 5 Revised 15/08/2019 14:09:12

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				
EH C2	Aquatic hazard, chronic, category 2				
EH C3	Aquatic hazard, chronic, category 3				
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				
H411	Toxic to aquatic life with long lasting effects				
H412	Harmful to aquatic life with long lasting effects				

#### PRODUCT SPECIFICATION

Product Name	:	BLOOD ORANGE OIL	
Flash Point deg C	:	48	
Aroma / Taste	:	RICH PEELY ORANGE	
Appearance / Physical State	:	ORANGE TO RED LIQUID	
Composition	:	ESSENTIAL OIL	
Refractive Index 20degC			>= 1.472 <= 1.478
Optical Rotation			>= 92.0 <= 99.0
Density (g/ml,20c)			>= 0.842 <= 0.848
Aldehyde content (as decanal)			>= 0.4

Shelf Life : 36 Months

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

Version Number : 5 Version Date : 01 March 2022

#### **Vegetarian Declaration**

Compound Name : BLOOD ORANGE OIL

Vegan	Y	No ingredients of animal origin or animal derivatives, including additives and processing aids
Vegetarian	Y	No ingredients of animal origin, including additives and processing aids. No egg or dairy; bee products are allowed
Ovo-lacto Vegetarian	Y	May include egg, dairy and bee products. No other ingredients of animal origin or animal derivatives, including additives and processing aids are allowed

The information contained herein is true and accurate to the best of our knowledge. All information is valid until revisions are issued. We will not therefore accept liability for misuse of this data resulting in damage or loss.

#### Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Orange Blood Essential Oil

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

1-12-2023