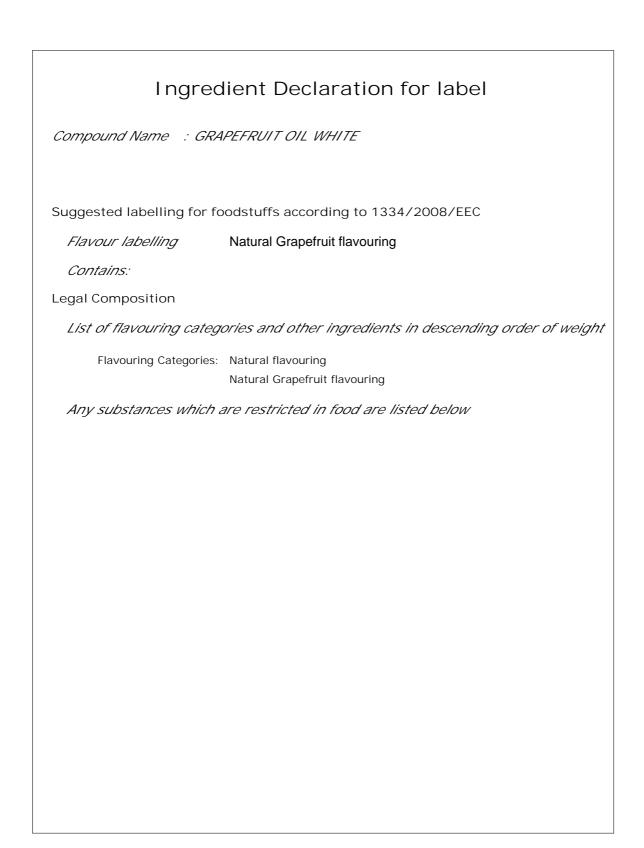
CERTIFICATE OF ANALYSIS

PRODUCT DESCRIPTIONGRAPEFRUIT OIL WHITEAPPEARANCEPALE YELLOW LIQUIDBATCH NUMBER4479807Best BeforeAugust 2025

ANALYSIS	RESULTS	SPECIFICATION	
Refractive Index 20degC	1.473	>= 1.472 <= 1.480	
Optical Rotation	100.4	>= 95.0 <= 102.0	
Density (g/ml,20c)	0.842	>= 0.840 <= 0.856	



Food Allergen Declaration

According to 2007/68/EC

Compound Name : GRAPEFRUIT OIL WHITE

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

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 Declaration

Compound Name : GRAPEFRUIT OIL WHITE

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.

GMO Declaration

According to 1829/2003/EC

Compound Name : GRAPEFRUIT OIL WHITE

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	-
Rape	No	-
Soya	No	-
Sugar Beet	No	-
Tomato	No	-
Wheat	No	-

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.

Production of Grapefruit Oil



Product Name Grapefruit Oil

We certify that the above product is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), 49th Amendment to the IFRA Code of Practice (published January,2020), provided it is used in the following class(es) at a maximum concentration level of:

IFRA Classes	Maximum level of use	IFRA Classes	Maximum level of use
Category 1	4.0%	Category 7a	100 %
Category 2	4.0%	Category 7b	4.0 %
Category 3	4.0%	Category 8	4.0%
Category 4	4.0%	Category 9	100 %
Category 5A	4.0%	Category 10a	100 %
Category 5B	4.0%	Category 10b	4.0%
Category 5C	4.0%	Category 11a	1000%
Category 5D	4.0%	Category 11b	4.0%
Category 6	4.0%	Category 12	100 %

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 49th 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.)
a / a	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)
Catagonia	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
category of t	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
0,	Facial moisturizers and creams
Category 5C	Hand cream
	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
o /	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 0	Tampons
	Baby wipes
	Toilet paper (wet)
Category 9	Bar soap
<u>-</u>	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
Category TOD	Air freshener sprays, manual, including aerosol and pump
	Aerosol/spray insecticides
Category 11A	Feminine hygiene conventional pads,liners, interlabial pads
0,	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 Plactic articles (evaluding toys)
	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/		Printed on 01 December 2021
Code Number Version 3 Revised 19/1	RCP-79511 1/2021 15:13:01	
Section 1. Identificatio	n of the substance/	mixture and of the company/undertaking
1.1 Product I dentifier		
Product Name	GRAPEFRUIT OIL W	HITE
Alternative Name	Not registered	
REACH Reg No	Not registered	
1.2 Relevant identified	l uses of the substa	nce or mixture and uses advised against
Concentrated material	for manufacturing pu	irposes only
1.3 Details of the supp	lier of the safety da	ata sheet
	Madar Corporation I 19 - 20 Sandleheath Fordingbridge SP6 1PA	
Telephone Number	+44 (0)1425 655 5	55
Email Address	technical@madarco	
1.4 Emergency Tel No	+44 (0)1425 655 5	55
Section 2. Hazard I den	tification	
2.1 Classification of th		ture
FL 3	Flammable liquid, ca	
AH 1	Aspiration hazard, c	
SCI 2	Skin corrosion/irrita	
SS 1	Skin sensitisation, c	
EH A1	Aquatic hazard, acu	te, category 1
EH C1	Aquatic hazard, chro	onic, category 1

SAFETY DATA CLP: According to 2015/83	-	Printed on 01 December 2021
<i>Code Number Version 3 Revised 19</i>	RCP-79511 2/11/2021 15:13:0	77
CLP Label elements CLP classification ac Hazard Pictogram	• •	n (EC) No 1272/2008
Signal Word	Danger	
Hazard Statement	S	
H226	Flammable liqui	d and vapour
H304	May be fatal if s	wallowed and enters airways
H315	Causes skin irrit	ation
H317	May cause an al	lergic skin reaction
H400	Very toxic to aq	uatic life
H410	Very toxic to aq	uatic life with long lasting effects
Precautionary Sta	tements	
P262	Do not get in ey	es, 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, Limonene and Linalool which may produce an allergic reaction No further information available at this time		
Section 3. Composition / information on ingredients Any percentage values listed here for hazardous components are for illustrative purposes only		

SAFETY DATA SHEET Printed on 01 December 2 CLP: According to 2015/830/EU			cember 2021
<i>Code Number Version 3 Revised</i>	RCP-79511 19/11/2021 15:13:01		
3.2 Mixtures NATURAL GRAPEF US CAS 8016-20- EU CAS 90045-43 EINECS 289-904- Hazardous compor	6-5		
ID Numbers	Chemical Name, Classifica	tion and Hazards	Conc (%)
CAS 5989-27-5 EINECS 227-813-5 REACH	d-Limonene (p-Mentha-1,8-diene) 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%
Refer to section 16 for	the wording of listed classif	ication and hazard statement codes	
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			
Section 5. Fire-figh 5.1 Extinguishing Carbon dioxide, fo	-		

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DO NOT USE A DIRECT WATER JET.	

SAFFTY DATA SHFFT

- 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.

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 precautionsDo not discharge directly into drains or the soil. Keep away from surface and ground water
- 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

Section 8. Exposure controls / personal protection

8.1 Control Parameters No information available

The information contained herein is true and accurate to the best of our knowledge. All information is valid until revisions are issued. However, the accuracy of this information cannot be guaranteed by the company as the data has been obtained from different sources. We will not, therefore, accept liability for misuse of this data resulting in damage or loss.

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8.2 Exposure controls Engineering controls No information available	
	hemical personal protective equipment advice. s, meals and at the end of the work period.
Hand protection Wear chemically resistant disposab	le gloves.
period. Respiratory protection	ely before breaks, meals and at the end of the work
Thermal hazards	for protection in poorly ventilated areas
No information available	
Environmental exposure control No information available	S
Section 9. Physical and chemical p	roperties
9.1 Information on basic physical	and chemical properties
FLASH POINT (°C)	49
Colour	PALE YELLOW to ORANGE
Aroma	DRY CITRUS - GRAPEFRUIT
Solubility	INSOLUBLE
9.2 Other information No further information available	
Section 10. Stability and reactivity	
10.1 Reactivity Not determined	

SAFETY DATA SHEET Printed on 01 December 2021 CLP: According to 2015/830/EU Code Number RCP-79511 Version 3 Revised 19/11/2021 15:13:01 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 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 STO-single exposure No data available STO-repeated exposure No data available

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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
Section 13. Disposal considerations Please refer to the information in section 8 (Exposure controls and personal protection)

13.1 Waste treatment methods

Dispose in accordance with the law and local regulations. Treat as trade effluent.

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Section 14. Transport information	n				
14.1 UN number	1169				
14.2 UN proper shipping name	EXTRACTS, AROMATIC, LIQUID				
14.3 Transport hazard class(es)	3				
14.4 Packing group	III				
Tunnel Code	(D/E)				
14.5 Environmental Hazards Marine Pollutant - contains environmentally hazardous substances (Terpene Hydrocarbon, mixture)					
14.6 Special precautions for user No relevant information available					
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable					
Section 15. Regulatory information	on				
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture					
No relevant information available	at this time				
15.2 Chemical safety assessmen	nt				
A chemical safety assessment has	s not been carried out				
Section 16. Other information					
Full list of precautionary phras	ses				
P262 Do not ge	et in eyes, on skin, or on clothing.				
	ease to the environment.				
P280 Wear prot	tective gloves and eye protection				
P301+P310 IF SWALL	OWED: Immediately call a POISON CENTRE.				
P331 Do NOT ir	nduce vomiting.				
P391 Collect sp	illage.				
Wording of any hazard classes	s listed in section 3				
FL 3 Flammabl	le liquid, category 3				
AH 1 Aspiration	hazard, category 1				

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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 haza	rd 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

Product Name:GRAPEFRUIT OIL WHITEReference:RCP-79511Flash Point deg C:49Aroma / Taste:DRY CITRUS - GRAPEFRUITAppearance / Physical State:PALE YELLOW TO ORANGE LIQUIDComposition:NATURAL GRAPEFRUIT FLAVOURING	Refractive Index 20degC		>= 1.472 <= 1.480
Reference:RCP-79511Flash Point deg C:49Aroma / Taste:DRY CITRUS - GRAPEFRUIT	Composition	:	NATURAL GRAPEFRUIT FLAVOURING
Reference:RCP-79511Flash Point deg C:49	Appearance / Physical State	:	PALE YELLOW TO ORANGE LIQUID
Reference : RCP-79511	Aroma / Taste	:	DRY CITRUS - GRAPEFRUIT
	Flash Point deg C	:	49
Product Name : GRAPEFRUIT OIL WHITE	Reference	:	RCP-79511
	Product Name	:	GRAPEFRUIT OIL WHITE

Optical Rotation	>= 90.0 <= 99.0
Density (g/ml,20c)	>= 0.845 <= 0.855

Shelf Life : 6 Months

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

Version Number : 4 Version Date : 01 April 2021