

# CERTIFICATE OF ANALYSIS ORGANIC CLEMENTINE OIL

Batch No:	4472903
Code No:	June 2025

**Appearance:** Liquid, orange to dark orange

Odour: Characteristic.

TEST	SPECIFICATION	ANALYSIS
Relative Density @ 20°C (g/ml)	0.836 - 0.846	0.842
Refractive Index @ 20°C	1.467 – 1.477	1.474
Optical Rotation @ 20°C	+93.0 to +103.0	+95.50
Peroxide Value (Meq/kg)	< 20.0	11.00 (at time of production)

This COA is produced electronically therefore no signature is required.



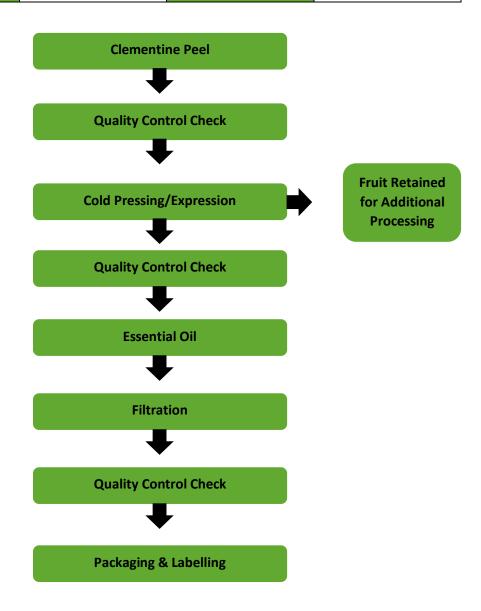
Product Na	me	Organic Clementine Oil				
INCI Name		Citrus Clementina Peel Oil				
Date	04/03/2020		Product Code		Revision	1

Material	Cas Number	Cosmetic Allergens Inclusion (%)
ALPHA-ISOMETHYLIONONE	127-51-5	-
AMYL CINNAMAL	122-40-7	-
AMYL CINNAMYL ALCOHOL	101-85-9	-
ANISE ALCOHOL	105-13-5	-
BENZYL ALCOHOL	100-51-6	-
BENZYL BENZOATE	120-51-4	-
BENZYL CINNAMATE	103-41-3	-
BENZYL SALICYLATE	118-58-1	-
BUTYLPHENYLMETHYLPROPIONAL	80-54-6	-
CINNAMAL	104-55-2	-
CINNAMYL ALCOHOL	104-54-1	-
CITRAL	5392-40-5	≤ 0.04
CITRONELLOL	106-22-9	≤ 0.03
COUMARIN	91-64-5	-
EUGENOL	97-53-0	-
EVERNIA FURFURACEA EXTRACT	90028-67-4	-
EVERNIA PRUNASTRI EXTRACT	90028-68-5	-
FARNESOL	4602-84-0	-
GERANIOL	106-24-1	≤ 0.05
HEXYL CINNAMAL	101-86-0	-
HYDROXYCITRONELLAL	107-75-5	-
HYDROXYISOHEXYL 3-CYCLOHEXENE	31906-04-4	-
ISO EUGENOL	97-54-1	-
LIMONENE	5989-27-5	≤ 99.0
LINALOOL	78-70-6	≤ 0.40
METHYL 2-OCTYNOATE	111-12-6	-

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Product Name	Organic Clementine Oil		
Date	02/06/2020	Product Code	





	0 / 1 2000
Document Date:	October 2020

# **STATEMENT**

We hereby certify that **Organic Clementine 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.

We hereby confirm that the **Organic Clementine Oil** is suitable for both vegetarian and vegan use. It is not derived from substances of animal origin and has not been subject to animal testing for any reason since 11th March 2013. This has been confirmed with our suppliers.



Product Name	Organic Clementine Oil		
INCI Name	Citrus Clementina Peel Oil		
Product Code	OCCLEM		
Revision No	1	Date	19/02/2021

Restricted Component	CAS	% Level in Product	IFRA Standard
LIMONENE	5989-27-5	≤99.0	Specification
LINALOOL	78-70-6	≤0.40	Specification
CITRAL	5392-40-5	≤0.04	Restriction
CITRONELLOL	106-22-9	≤0.03	Restriction
CITRONELLAL	106-23-0	≤0.10	Restriction
GERANIOL	106-24-1	≤0.05	Restriction
METHYL N METHYLANTHRANILATE	85-91-6	≤0.10	Restriction
PEROXIDES	-	≤20.0 mmol/l	-

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

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

IFRA class(es) [see annex for details]	Max level of use (%)
Category 1	Not restricted
Category 2	80.00
Category 3	26.00
Category 4	Not restricted
Category 5A	Not restricted
Category 5B	51.00
Category 5C	Not restricted
Category 5D	17.00
Category 6	Not restricted
Category 7A	77.00
Category 7B	77.00
Category 8	17.00

Category 9	Not restricted
Category 10A	Not restricted
Category 10B	Not restricted
Category 11A	17.00
Category 11B	17.00
Category 12	Not restricted

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

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

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

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

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

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

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# **ANNEX: Definition of IFRA Classes**

Finished product types	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 leave-on hair dyes. Shampoo – Dy (waterless shampoo). Hair deodoriser.	7B	No	Applicable (Leave- on Products)
Intimate wipes. Tampons. Baby Wipes. Toilet paper (wet).	8	No	Applicable (Leave- on Products)
Bar soap. Shampoo of all types. Cleanser for face (rinse-off). Conditioner (rinse-off) Liquid soap. Body washes and shower gels of all types. Baby	9	No	Applicable (Rinse- off Products)

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

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



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

1.1 Product Identifier					
Product Name		Clementine Oil	Organic		
Biological Definition		Citrus Clementina Peel oil the essential oil extracted by cold expression from the outer part of fresh clementine peel <i>Citrus clementina</i> , <i>Rutaceae</i> .			
INCI Name		Citrus Clementi	na Peel oil		
Synonyms & Trade Names		-			
CAS-No	n/a	EC No.	n/a	EINECS No.	n/a

# 1.2 Relative identified uses of the substance or mixture and uses advised against

Suitable for use in flavour, fragrance cosmetic and professional applications only.

# 1.3 Details of the supplier of the safety data sheet

MADAR Corporation Limited 19 - 20 Sandleheath Industrial Estate Fordingbridge SP6 1PA

1.4 Emergency Tel. No.

+ 44 (0) 1425 655555

# 02. HAZARD IDENTIFICATION

# 2.1 Classification of the substance or mixture

The full text for all hazard statements are displayed in Section 16.

# Classification (EC 1272/2008)

# Physical hazards:

- Flammable Liquid, Hazard Category 3.

# Health hazards:

- Aspiration Hazard Category 1.
- Skin Corrosion/Irritation Category 2.
- Sensitization Skin Category 1.

#### Environmental hazards:

Acute Hazard Category 1, Chronic Hazard Category 1.



#### 2.2 Label Elements

#### Label in accordance with (EC) No 1272/2008









Signal Word	Danger.
Contains	- Limonene - γ-terpinene
	- Myrcene

#### **Hazard Statements**

- 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.
- H410 Very toxic to aquatic life with long lasting effects.

#### **Precautionary Statements**

- P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.
- P241 Use explosion-proof electrical, ventilating and lighting equipment.
- P262 Do not get in eyes, on skin or on clothing.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/eye protection/face protection.
- P301/310 IF SWALLOWED Immediately call a POISON CENTER or doctor/physician.
- P303/361/353 IF ON SKIN (or hair) Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
- P331 Do not induce vomiting.

#### **Supplementary Precautionary Statements**

- P405 Store locked up.
- P501 Dispose of contents/container to approved disposal site, in accordance with local regulations.

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PBT or vPvB according to Annex XIII	No.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

#### **03. COMPOSITION/INFORMATION ON INGREDIENTS**

#### 3.2 Mixtures

89.0 - 99.0% Limonene

CAS: 5989-27-5

Classification (EC 1272/2008)



- Flam. Liq. 3 H226
- Asp. Tox. 1 H304
- Skin Irrit. 2 H315
- Skin Sens. 1 H317
- Aquatic Acute 1 H400
- Aquatic Chronic 1 H410

# ≤ 5.0% γ-Terpinene (p-mentha-1,4-diene)

CAS: 99-85-4

Classification (EC 1272/2008)

- Flam. Liq. 3 H226
- Asp. Tox. 1 H304

#### ≤ 3.5% Myrcene

CAS: 123-35-3

Classification (EC 1272/2008)

- Flam. Liq. 3 H226
- Asp. Tox. 1 H304
- Skin Irrit. 2- H315
- Eye Irrit. 2 H319
- Aquatic Acute 1 H400
- Aquatic Chronic 1 H410

# **04. FIRST AID MEASURES**

4.1 Description of first aid measures		
Inhalation	Remove from exposure area to fresh air for at least 15 minutes. Obtain medical advice if	
	discomfort continues.	
Ingestion	Wash mouth out with water and obtain medical advice immediately. Do NOT induce vomiting.	
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.	
Eye Contact	Flush with plenty of water for at least 15 minutes. Remove contact lenses. Seek medical advice.	

# 4.2 Most important symptoms and effects, both acute and delayed

Inhalation - can cause slight headache.

Contact - can cause bloodshot eyes. Can cause slight skin rash.

Acute and delayed effects - No post order effects reported.

# 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

First aid specific means: eye wash fountains / safety shower should be available in the work area.

#### **05. FIRE-FIGHTING MEASURES**

# 5.1 Extinguishing Media

Suitable extinguishing media:

- Small fire:



CO<sub>2</sub>

Dry powder

Foam

Spray to base of flames.

#### Large Fire:

- use water spray or fog.

Cool containers with a water jet to prevent pressure build up, auto-ignition or explosion. Unsuitable extinguishing media:

- pressurised water jet.

# 5.2 Special hazards arising from the product

Vapours may form an explosive mixture with air. In case of fire, Carbon monoxide, carbon dioxide, smoke and soot may be liberated.

# 5.3 Advice for firefighters

Standard procedure for chemical fires. Spray extinguishing media to base of flames. Wear protective clothing. Avoid inhalation of vapours. Wear suitable respiratory equipment, if insufficient ventilation. Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

#### **06. ACCIDENTAL RELEASE MEASURES**

#### 6.1 Personal precautions, protective equipment and emergency procedures

In an emergency (i.e. un-intentional release of the substance exceeding the DNEL) respiratory protection (gas filter A colour code brown) must be worn. Consider the maximum duration for wear. Use insulating device for respiratory protection with an independent air supply if circumstances are unclear. Use adequate protection. E.g. solvent resistant safety shoes, body suit, gloves and protective goggles (see section 8). Remove any ignition source and ensure adequate ventilation in working areas following accidental release.

# 6.2 Environmental Precautions

Do not discharge into drains, water courses or onto the ground. Keep away from surface and ground water.

# 6.3 Methods and material for containment and cleaning up.

Remove ignition sources. Ensure adequate ventilation. Absorb with inert, non-combustible, inorganic absorbent material, sweep up and remove to an approved disposal container. Dispose of according to current local authority guidelines.

#### 6.4 Reference to other sections

See sections 4, 8 and 13.

#### 07. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Keep original container closed. Wear suitable protective clothing to avoid contact with skin and eyes.



Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Keep away from heat, sparks, open flame and other sources of ignition. Avoid exposing to high temperatures during processing.

# 7.2 Conditions for safe storage, including any incompatibilities

Store in tightly-closed, original container preferably under an inert atmosphere (e.g. nitrogen) with minimum head space protected from daylight. Store at temperatures of  $5-20^{\circ}$ C in a well-ventilated place away from heat and ignition sources.

# 7.3 Specific end use(s)

Flavours, Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

# **08. EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### 8.1 Control parameters

No additional data available.

# 8.2 Exposure controls

#### **Protective Equipment**







Process Conditions	Dravida avayash station
	Provide eyewash station.
Engineering Measures	Provide adequate ventilation within the working area.
Respiratory Equipment	Avoid breathing vapours. Respiratory equipment should not be necessary with adequate
	ventilation.
Hand Protection	Avoid all skin contact. Wear chemical resistant gloves (PVC) tested to EN374. (Should be
	checked regularly). Always use with clean, dry hands.
Eye Protection	Avoid contact with eyes. Wear approved safety goggles with built in frame tested to
	EN166. (Should be checked regularly).
Other Protection	No additional data available.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with
	chemicals / oils. Keep away from foodstuffs, beverages and feed.
Personal Protection	Avoid inhalation and contact with skin and eyes.
Skin Protection	Wear protective clothing to avoid skin contact. (Should be checked regularly).
Environmental Exposure	Avoid discharging into drainage water. Only eliminate by authorised companies.
Controls	

#### 09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties		
Appearance	Liquid, yellow orange to orange red.	
Colour	Yellow orange to orange red.	
Odour	Characteristic – citrus, tangerine.	



Relative Density	Approx. 0.839 @ 20°C
Flash Point (°C)	Approx. 47.0
Refractive Index	Approx. 1.472 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	Approx. 170°C ± 10°C @ 1026hPa
Vapour Pressure	186.4 Pa @25°C
Solubility in Water @20°C	Insoluble in water. Soluble in alcohol and other oils.
Auto-ignition	Approx. 235.0
temperature (°C)	
9.2 Other information	

No additional data available.

# **10. STABILITY AND REACTIVITY**

# 10.1 Reactivity

Presents no significant reactivity hazards, by itself or in contact with water. Stable under normal temperature and storage conditions and recommended use.

# 10.2 Chemical stability

Stable under normal temperature and storage conditions and recommended use.

#### 10.3 Possible hazardous reactions

Not expected under normal temperature conditions and recommended use.

#### 10.4 Conditions to Avoid

Avoid heat, sparks and open flames.

# 10.5 Incompatible materials

Avoid contact with strong acids, alkalis and oxidising agents.

# 10.6 Hazardous Decomposition Products

Not expected under normal temperature conditions and recommended use. In case of combustion; CO2 and CO may be released.

# 11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects		
Acute Toxicity	LD50: 5.0g/kg (source RIFM)	
Skin corrosion / irritation	Causes skin irritation.	
Serious eye damage / irritation	Not classified as irritating to the eye (source RIFM)	
Respiratory or skin sensitisation	May cause an allergic skin reaction.	
Germ Cell Mutagenicity	Not classified.	



Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
STOT-single exposure	Not classified.
STOT-repeated exposure	Not classified.
Aspiration hazard	May be fatal if swallowed and enters airways.
Photo-toxicity	May cause phototoxic effects.
Other Information	No additional data available.

#### 12. ECOLOGICAL INFORMATION

#### 12.1 Toxicity

# Aquatic life:

Very toxic to aquatic life with long lasting effects.

#### Algae/aquatic plants:

- EC50: 65.9 mg/l (48h) calculated value (source RIFM).

#### Fish / Aquatic invertebrates:

- No additional data available.

#### PNECs:

No additional data available.

# 12.2 Persistence & degradability

To be considered as readily biodegradable. Based on its ready biodegradability the oil does not fulfil the criteria for persistence.

# 12.3 Bioaccumulation Potential

Very toxic to aquatic life with long lasting effects.

# 12.4 Mobility in soil

Considered as a readily biodegradable NCS. Based on the ready biodegradability of the NCS, simulation tests in surface water, sediment and soil are not required in accordance with column 2 of REACH Annex IX.

#### 12.5 Results of PBT and vPvB Assessment

This substance is not classified as PBT/vPvB.

#### 12.6 Other adverse effects

Do not discharge into the environment especially not into waterways, sewers and the sea.

# **13. DISPOSAL CONSIDERATIONS**

#### 13.1 Waste treatment methods

Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company. Containers must be completely empty before disposal.

# **14. TRANSPORT INFORMATION**

#### 14.1 UN number



UN No. Road	UN 1169
UN No. SEA	UN 1169
UN No. AIR	UN 1169

# 14.2 UN proper shipping name

Extracts, Aromatic, Liquid.

# 14.3 Transport hazard class(es)

ADR/RID/ADN Class: 3 Flammable Liquid. IMDG Class: 3 Flammable Liquid. ICAO Class/Division: 3 Flammable Liquid.

**Transport Labels** 



# 14.4 Packing group

ADR/RID/ADN Packing group III
IMDG Packing group III
ICAO Packing group III

#### 14.5 Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant.



# 14.6 Special precautions for user

Tariff code: 3301192000. This product contains flammables and dangerous for the environment. In case on pouring out, make sure label new packaging accordingly. Reproducing original label with relevant symbols.

# 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

No additional data available.

#### 15. REGULATORY INFORMATION

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

**Statutory Instruments** 

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG (108).



#### **EU** Legislation

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 information available.

#### **16. OTHER INFORMATION**

Hazard Statements in Full	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.
Revision Date	04/03/2020
Rev No	1

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Product Name	Organic Clementine Oil	
Date 06/03/2020	Product Code Rev 1	
Description	The essential oil extracted by cold expression from the outer part of fresh clementine	
	peel Citrus clementina, Rutaceae	
Appearance	Liquid, Yellowy Orange – Orangey Red	
Odour	Characteristic; Clementine	
Origin	Spain/USA	
INCI Name	Citrus Clementina Peel Oil	

**EC Number** 

#### **TEST SPECIFICATION**

**CAS Number** 

Analytical Test	Specification Range
Specific Gravity @ 20°C (g/ml)	0.836 to 0.846
Refractive Index @ 20°C	1.467 to 1.477
Optical Rotation (Degrees)	+93. 0 to +103.0
(at time of production analysis) Peroxides (MeqO2/kg)	< 20.0

#### **STORAGE**

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

#### **STABILITY**

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

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