



ALTEVITA

Life - Health - Beauty

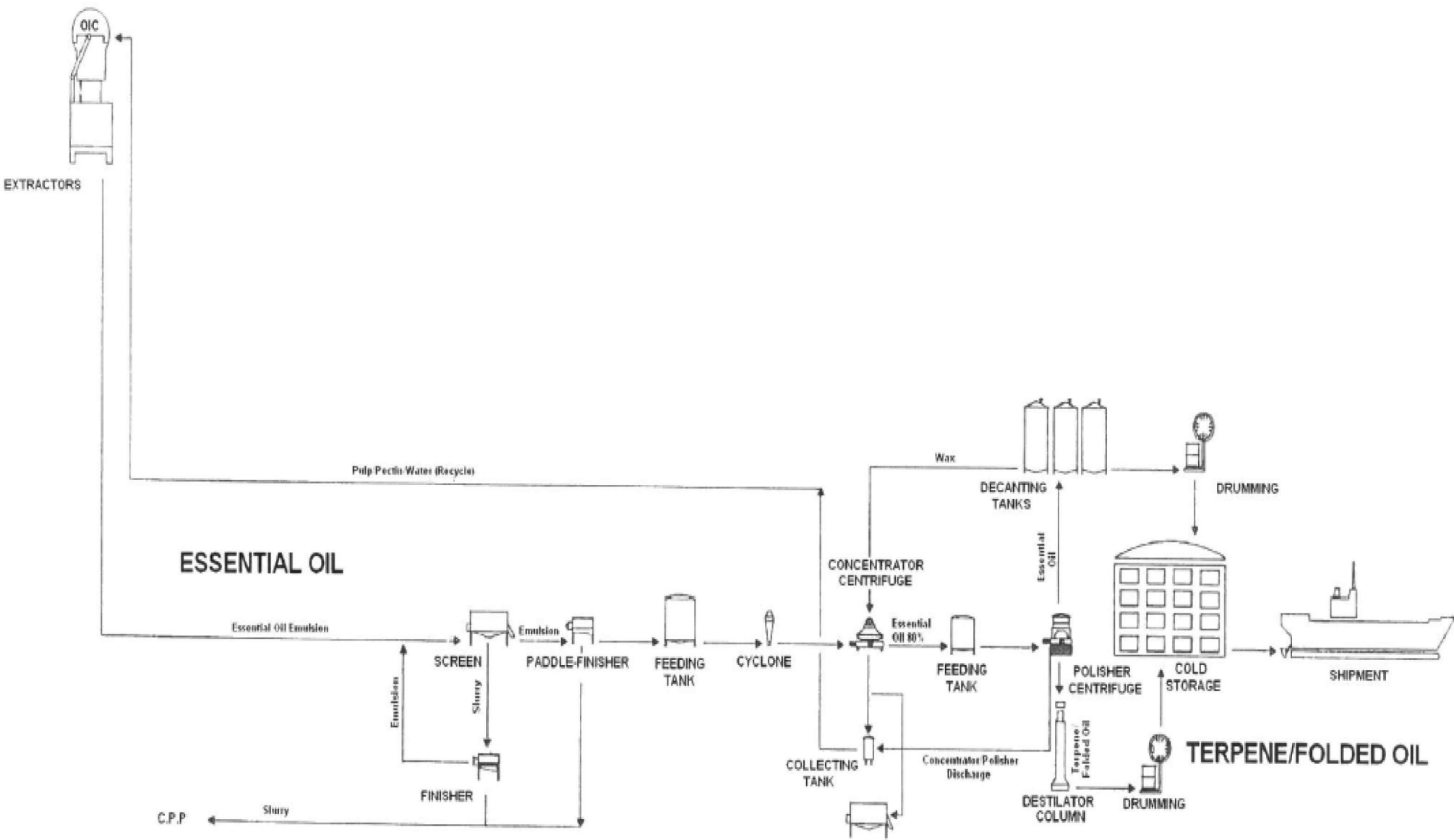
Certificate of Analysis

PRODUCT DETAILS		
Product Name	ORANGE OIL BRAZILIAN	
Product Code	ORANCP1001	
INCI Name	Various	
Batch / Lot Number	4386508	
Expiry Date	February 2023	
Manufacturing Process	Cold pressed from peel of the Orange fruit.	
Identification	CAS No: 8028-48-6 / 8008-57-9	EINECS No: 232-433-8
	FEMA No: 2824	CoE: 142
PHYSICAL AND CHEMICAL CHARACTERISTIC		
	SPECIFICATION RANGES	RESULTS
Appearance	Liquid	Conforms
Colour	Orange	Conforms
Odour	Characteristic	Conforms
Density @ 20c	0.8380 - 0.8500	0.846
Refractive Index @ 20c	1.4680 - 1.4800	1.473
Aldehyde content	0.9 - 6.0%	1.27
Optical Rotation @ 20°c	+93.00 to +99.00	96.2
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	
Shelf Life	12 months unopened and stored as above.	

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 users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where Madar Corporation Limited make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material.

ORANGE SWEET OIL

ESSENTIAL OIL PROCESSING





SAFETY DATA SHEET ORANGE SWEET OIL BRAZILIAN

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	ORANGE OIL BRAZILIAN
Synonyms; trade names	Citrus Terpenes, Orange Phase, Orange Oil Sweet, Orange Essence, Orange Folded, Orange Oil Cold Pressed, Orange Oil Decolourised, Orange Oil Distilled, Orange Oil Terpeneless, Orange Terpenes (d'limonene), Orange Tarocco
REACH registration number	01-2119493353-35-XXXX
CAS number	8028-48-6
Alternative Cas Number	8008-57-9
EC number	232-433-8

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Fragrance and flavour
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1.3. Details of the supplier of the safety data sheet

Supplier	Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate Fordingbridge Hampshire SP6 1PA technical@madarcorporation.co.uk 01425 655555
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1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Flam. Liq. 3 - H226
Health hazards	Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304
Environmental hazards	Aquatic Chronic 2 - H411
Human health	May cause skin sensitisation or allergic reactions in sensitive individuals.
Environmental	The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.
Physicochemical	The product is highly flammable.

2.2. Label elements

ALTEVITA s.r.o, nám .Slobody 10, 92101 Piešťany, www.altevida.sk info@altevida.sk

ORANGE SWEET OIL BRAZILIAN**EC number**

232-433-8

Hazard pictograms**Signal word**

Danger

Hazard statements

H226 Flammable liquid and vapour.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H411 Toxic to aquatic life with long lasting effects.
 H304 May be fatal if swallowed and enters airways.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P241 Use explosion-proof electrical equipment.
 P261 Avoid breathing vapour/ spray.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
 P331 Do NOT induce vomiting.
 P405 Store locked up.
 P501 Dispose of contents/ container in accordance with national regulations.

Contains

(R)-p-mentha-1,8-diene, 7-methyl-3-methyleneocta-1,6-diene, Alpha Pinene, Linalool

Supplementary precautionary statements

P233 Keep container tightly closed.
 P240 Ground and bond container and receiving equipment.
 P242 Use non-sparking tools.
 P243 Take action to prevent static discharges.
 P264 Wash contaminated skin thoroughly after handling.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P321 Specific treatment (see medical advice on this label).
 P332+P313 If skin irritation occurs: Get medical advice/ attention.
 P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.
 P391 Collect spillage.
 P403+P235 Store in a well-ventilated place. Keep cool.

2.3. Other hazards

ORANGE SWEET OIL BRAZILIAN



SECTION 3: Composition/information on ingredients

3.2. Mixtures

(R)-p-mentha-1,8-diene		>60 <99%
CAS number: 5989-27-5	EC number: 227-813-5	
M factor (Acute) = 1		
Classification		
Flam. Liq. 3 - H226		
Skin Irrit. 2 - H315		
Skin Sens. 1 - H317		
Asp. Tox. 1 - H304		
Aquatic Acute 1 - H400		
Aquatic Chronic 3 - H412		
7-methyl-3-methyleneocta-1,6-diene		>0.01-<5%
CAS number: 123-35-3	EC number: 204-622-5	
Classification		
Flam. Liq. 3 - H226		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
Skin Sens. 1 - H317		
Asp. Tox. 1 - H304		
Aquatic Chronic 3 - H412		
Alpha Pinene		>0.01-<4%
CAS number: 80-56-8	EC number: 201-291-9	
M factor (Acute) = 1	M factor (Chronic) = 1	
Classification		
Flam. Liq. 3 - H226		
Acute Tox. 4 - H302		
Skin Irrit. 2 - H315		
Skin Sens. 1 - H317		
Asp. Tox. 1 - H304		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		
Linalool		>0.01-<9%
CAS number: 78-70-6	EC number: 201-134-4	
Classification		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
Skin Sens. 1 - H317		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

ORANGE SWEET OIL BRAZILIAN



4.1. Description of first aid measures

General information	Treat symptomatically.
Inhalation	Remove person to fresh air and keep comfortable for breathing. Get medical attention.
Ingestion	Do not induce vomiting. Get medical attention. Give plenty of water to drink.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 15 minutes. Get medical attention.

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

Ingestion	Harmful if swallowed.
Skin contact	Irritating to skin.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use alcohol-resistant foam, carbon dioxide or dry powder to extinguish.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	In case of fire, the following can be released: carbon monoxide (CO), carbon dioxide (CO ₂), smoke, soot.
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5.3. Advice for firefighters

Protective actions during firefighting	Do not inhale explosion and/or combustion gases. Use self contained breathing apparatus. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing and gloves. Keep unnecessary and unprotected personnel away from the spillage. Follow safety measures as mentioned in sections "handling and storage" and "exposure controls/personal protection". No smoking, sparks, flames or other sources of ignition near spillage.
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6.2. Environmental precautions

Environmental precautions	Do not discharge into drains or watercourses or onto the ground. Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Wipe up little amounts with absorbent material like cloth or pulp. Water and cleansing agent. Absorb with incombustible liquid binding material (sand, universal binders). Dispose of contaminated material as waste according to "disposal considerations".
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6.4. Reference to other sections

SECTION 7: Handling and storage

ORANGE SWEET OIL BRAZILIAN



7.1. Precautions for safe handling

Usage precautions Use personal protection equipment as mentioned under "exposure controls and personal protection". Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Provide adequate ventilation.

Advice on general occupational hygiene Good personal hygiene procedures should be implemented.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from oxidising materials, heat and flames.

7.3. Specific end use(s)

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

(R)-p-mentha-1,8-diene (CAS: 5989-27-5)

DNEL	Workers - Inhalation; Long term systemic effects: 33.3 mg/m ³ General population - Oral; Long term systemic effects: 4.76 mg/kg
PNEC	- STP; 1.8 mg/l - Soil; 0.262 mg/kg - Fresh water; 0.0054 mg/l - marine water; 0.00054 mg/l - Sediment (Freshwater); 1.32 mg/kg - Sediment (Marinewater); 0.13 mg/kg

7-methyl-3-methylenoocta-1,6-diene (CAS: 123-35-3)

DNEL	Workers - Dermal; Long term systemic effects: 0.83 mg/kg Workers - Inhalation; Long term systemic effects: 5.83 mg/m ³ General population - Dermal; Long term systemic effects: 0.42 mg/kg General population - Inhalation; Long term systemic effects: 1.25 mg/m ³
PNEC	- STP; 0.2 mg/l - Soil; 1.015 mg/kg - Fresh water; 0.00028 mg/l - marine water; 0.0008 mg/l - Sediment (Freshwater); 5.022 mg/kg - Sediment (Marinewater); 0.502 mg/kg

Alpha Pinene (CAS: 80-56-8)

DNEL	Workers - Inhalation; Long term systemic effects: 3.8 mg/m ³ Workers - Dermal; Long term systemic effects: 0.54 mg/kg, bw/day General population - Inhalation; Long term systemic effects: 0.67 mg/m ³ General population - Dermal; Long term systemic effects: 0.19 bw/day, mg/kg General population - Oral; Long term systemic effects: 0.19 mg/kg, bw/day
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ORANGE SWEET OIL BRAZILIAN**PNEC**

- Fresh water; Short term 0.606 mg/l
- Intermittent release, Fresh water; 3.03 mg/l
- marine water; Short term 0.061 mg/l
- marine water, Intermittent release; 0.303 mg/l
- STP; Short term 0.2 mg/l
- Sediment (Freshwater); Short term 157 mg/kg
- Sediment (Marinewater); Short term 15.7 mg/kg
- Soil; Short term 31.7 mg/kg

Linalool (CAS: 78-70-6)**DNEL**

- Workers - Dermal; Short term systemic effects: 5 mg/kg
- Workers - Inhalation; Short term systemic effects: 16.5 mg/m³
- Workers - Dermal; Long term systemic effects: 2.5 mg/kg
- Workers - Inhalation; Long term systemic effects: 2.8 mg/m³
- General population - Oral; Short term systemic effects: 1.5 mg/kg
- General population - Dermal; Short term systemic effects: 2.5 mg/kg
- General population - Inhalation; Short term systemic effects: 4.1 mg/m³
- General population - Oral; Long term systemic effects: 0.2 mg/kg
- General population - Dermal; Long term systemic effects: 1.25 mg/kg
- General population - Inhalation; Long term systemic effects: 0.7 mg/m³
- ; :

PNEC

- STP; Short term 10 mg/l
- Soil; Short term 0.327 mg/kg
- Intermittent release; Short term 2 mg/l
- Fresh water; Short term 0.2 mg/l
- marine water; Short term 0.02 mg/l
- Sediment (Freshwater); Short term 2.22 mg/kg
- Sediment (Marinewater); Short term 0.222 mg/kg

Decanal (CAS: 112-31-2)**DNEL**

- Workers - Inhalation; Long term systemic effects: 24.9 mg/m³
- Workers - Dermal; Long term systemic effects: 7 bw/day, mg/kg
- General population - Inhalation; Long term systemic effects: 6.1 mg/m³
- General population - Dermal; Long term systemic effects: 3.5 bw/day, mg/kg
- General population - Oral; Long term systemic effects: 3.5 bw/day, mg/kg

PNEC

- Fresh water; Short term 1.17 mg/l
- Fresh water, Intermittent release; 11.7 mg/l
- marine water; Short term 0.117 mg/l
- STP; Short term 3.16 mg/l
- Sediment (Freshwater); Short term 0.097 mg/kg
- Sediment (Marinewater); Short term 0.01 mg/kg
- Soil; Short term 0.019 mg/kg

Octanal (CAS: 124-13-0)**DNEL**

- Workers - Inhalation; Long term systemic effects: 1.3 mg/m³
- Workers - Dermal; Long term systemic effects: 0.37 mg/kg, bw/day
- General population - Inhalation; Long term systemic effects: 0.32 mg/m³
- General population - Dermal; Long term systemic effects: 0.19 mg/kg, bw/day
- General population - Oral; Long term systemic effects: 0.19 mg/kg, bw/day

ORANGE SWEET OIL BRAZILIAN**PNEC**

- Fresh water; Short term 0.002 mg/l
- marine water; Short term 0 mg/l
- STP; Short term 3.16 mg/l
- Sediment (Freshwater); Short term 0.071 mg/kg
- Sediment (Marinewater); Short term 0.007 mg/kg
- Soil; Short term 0.013 mg/kg

p-menth-1-en-8-ol (CAS: 98-55-5)**PNEC**

- Fresh water; Short term 68 mg/l
- marine water; Short term 6.8 mg/l
- STP; Short term 2.6 mg/l
- Sediment (Freshwater); Short term 1.85 mg/kg
- Sediment (Marinewater); Short term 0.185 mg/kg
- Soil; Short term 0.329 mg/kg

Citronellal (CAS: 106-23-0)**DNEL**

- Workers - Inhalation; Long term systemic effects: 9 mg/m³
- Workers - Dermal; Long term systemic effects: 1.7 bw/day, mg/kg
- Workers - Dermal; Long term local effects: 140 mg/cm²
- General population - Inhalation; Long term systemic effects: 2.7 mg/m³
- General population - Dermal; Long term systemic effects: 1 mg/kg, bw/day
- General population - Dermal; Long term local effects: 140 mg/cm²
- General population - Oral; Long term systemic effects: 0.6 bw/day, mg/kg

PNEC

- Fresh water; Short term 0.009 mg/l
- Fresh water, Intermittent release; 0.087 mg/l
- marine water; Short term 0.001 mg/l
- STP; Short term 4 mg/l
- Sediment (Freshwater); Short term 0.159 mg/kg
- Sediment (Marinewater); Short term 0.016 mg/kg
- Soil; Short term 0.027 mg/kg

Citral (CAS: 5392-40-5)**DNEL**

- Workers - Dermal; Long term systemic effects: 1.7 mg/kg
- Workers - Inhalation; Long term systemic effects: 9 mg/m³
- General population - Oral; Long term systemic effects: 0.6 mg/kg
- General population - Dermal; Long term systemic effects: 1 mg/kg
- General population - Inhalation; Long term systemic effects: 2.7 mg/m³

PNEC

- STP; 1.6 mg/l
- Soil; 0.0209 mg/kg
- Intermittent release; 0.0678 mg/l
- Fresh water; 0.00678 mg/l
- marine water; 0.000678 mg/l
- Sediment (Freshwater); 0.125 mg/kg
- Sediment (Marinewater); 0.0125 mg/kg

8.2. Exposure controls**Protective equipment**

ORANGE SWEET OIL BRAZILIAN

Personal protection	Use personal protection according to Directive 89/686/EEC
Eye/face protection	Approved safety goggles.
Hand protection	Use protective gloves. Material of gloves: The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has to be checked prior to the application. Penetration time of glove material >480 minutes at layer thickness of 0.425mm (Sol-Vex (37-695) from Ansell). Use gloves according to EN374. For permanent contact gloves made of the following materials are suitable: Nitrile rubber, NBR (e.g following product: Sol-Vex (37-695) from Ansell. For protection from splashes gloves made of the following are suitable: PVC gloves.
Other skin and body protection	Wear protective clothing.
Hygiene measures	Good personal hygiene procedures should be implemented.
Respiratory protection	Suitable respiratory protection: filter class A2 (brown colour). Use the rules for application of respiratory protection systems.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance	Liquid.
Colour	Orange.
Odour	Characteristic.
Melting point	REACH dossier information. Orange oil was found to be a clear mobile liquid at 20c and a slightly turbid mobile liquid at -25c after 72h.
Initial boiling point and range	REACH dossier information. 160°C @ 1026 hPa
Flash point	REACH dossier information. 53.4 +/-1°C Closed cup.
Vapour pressure	REACH dossier information. 186.4 Pa @ 25°C
Relative density	0.8380 - 0.8500 @ 20°C
Partition coefficient	REACH dossier information. Log Kow of the constituents of Orange ranges from 2.78 to 4.88. The fraction with log Kow >4 was 84%
Auto-ignition temperature	REACH dossier information. 1012.2 - 1016.5 hPa @ 235°C
Viscosity	REACH dossier information. 0.99 mPa*s and 1.17 mm ² /s @ 20c

9.2. Other information

Refractive index	1.4680 - 1.4800 @ 20°c
Hydrocarbon Content	

SECTION 10: Stability and reactivity**10.1. Reactivity****10.2. Chemical stability**

Stability	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

ORANGE SWEET OIL BRAZILIAN**Possibility of hazardous reactions**

Heating causes vaporization and formation of ignitable atmosphere is possible. Formation of explosive gas mixture with air possible. In case of unpropitious storing conditions (air admission, heat accumulation) self ignition is possible for moistened solids (e.g cloth, pulp, filter panel, binder). Reacts violently with oxidizing agents.

10.4. Conditions to avoid**Conditions to avoid**

Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials**Materials to avoid**

Oxidising agents.

10.6. Hazardous decomposition products**Hazardous decomposition products**

No dangerous decomposition products expected by intended use.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity - oral**

Acute toxicity oral (LD₅₀ mg/kg) 5,000.0

Species Rat

ATE oral (mg/kg) 5,000.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 5,000.0

Species Rabbit

ATE dermal (mg/kg) 5,000.0

Skin corrosion/irritation

Skin corrosion/irritation REACH dossier information. Irritating to skin.

Skin sensitisation

Skin sensitisation REACH dossier information. Sensitising.

SECTION 12: Ecological information**12.1. Toxicity****12.2. Persistence and degradability**

Biodegradation Expected to be readily biodegradable.

12.3. Bioaccumulative potential

Partition coefficient REACH dossier information. Log Kow of the constituents of Orange ranges from 2.78 to 4.88. The fraction with log Kow >4 was 84%

12.4. Mobility in soil**12.5. Results of PBT and vPvB assessment****12.6. Other adverse effects****SECTION 13: Disposal considerations****13.1. Waste treatment methods**

ORANGE SWEET OIL BRAZILIAN**Disposal methods**

Recycling is preferred to disposal or burning. Disposal must be made according to official regulations. Must not be disposed together with household waste.

SECTION 14: Transport information**14.1. UN number**

UN No. (ADR/RID)	2319
UN No. (IMDG)	2319
UN No. (ICAO)	2319
UN No. (ADN)	2319

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	TERPENE HYDROCARBONS, N.O.S.
Proper shipping name (IMDG)	TERPENE HYDROCARBONS, N.O.S.
Proper shipping name (ICAO)	TERPENE HYDROCARBONS, N.O.S.
Proper shipping name (ADN)	TERPENE HYDROCARBONS, N.O.S.

14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

Transport labels**14.4. Packing group**

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

14.5. Environmental hazards**Environmentally hazardous substance/marine pollutant****14.6. Special precautions for user**

EmS	F-E, S-D
ADR transport category	3

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ORANGE SWEET OIL BRAZILIAN

Emergency Action Code 3Y

Hazard Identification Number (ADR/RID) 30

Tunnel restriction code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Guidance CHIP for everyone HSG228.

15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

Inventories**EU - EINECS/ELINCS**

Listed

Canada - DSL/NDSL

Present.

US - TSCA

Present.

US - TSCA 12(b) Export Notification

Not listed.

Australia - AICS

Present.

Japan - ENCS

Present.

Korea - KECI

Present.

China - IECSC

Present.

Philippines – PICCS

Present.

New Zealand - NZIOC

Present.

Taiwan - TCSI

Present.

SECTION 16: Other information

Revision date 13/09/2019

ORANGE SWEET OIL BRAZILIAN

Revision	7
Supersedes date	01/05/2018
SDS number	4731
Hazard statements in full	H226 Flammable liquid and vapour. H302 Harmful if swallowed. 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.

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.

BiOrigins, 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK
Tel: 01425 655555 Email: technical@madarcorporation.co.uk



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Product Specification

PRODUCT DETAILS

Product Name	ORANGE OIL BRAZILIAN	
INCI Name	Various	
Country of Origin	Brazil	
Tariff Number	3301 1210	
REACH Registration	01-2119493353-35-XXXX	
Natural Status	We hereby declare, that from information received from our supplier, that this product is 100% natural.	
Food Grade Status	We confirm, from information received from our supplier, that this product conforms with EU Regulations and can be used in food.	
Kosher Certified	Yes	
Halal Certified	We hereby declare, from information received from our supplier, that this product does not contain any ingredient derived from animal origin, extracted from hair or feathers, animal fats, animal extracts, bloods of any origin, blood plasma, pork and/or other meat products. This product does not contain any alcohol (ethanol or grain alcohol) and has not been used in the manufacturing process.	
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modified organisms.	
Manufacturing Process	Cold pressed from peel of the Orange fruit.	
Identification	CAS No: 8028-48-6 / 8008-57-9	EINECS No: 232-433-8
	FEMA No: 2825	CoE: 142

PHYSICAL AND CHEMICAL CHARACTERISTIC

Appearance	Liquid
Colour	Orange
Odour	Characteristic
Density @ 20c	0.8380 - 0.8500
Refractive Index @ 20c	1.4680 - 1.4800
Aldehyde content	0.9 - 6.0%
Optical Rotation @ 20°C	+93.00 to +99.00
Hydrocarbon content	98%
Flash Point	ca 53°C

FRAGRANCE ALLERGENS

Limonene (5989-27-5) >0.60 <99%	Linalool (78-70-6) >0.01 <9%	Citral (5392-40-5) >0.01 <3%
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FOOD ALLERGENS

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IFRA

Citral (5392-40-5) >0.01 <3%	Perillaldehyde (2111-75-3) max 0.02%	
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STORAGE AND SHELF LIFE

Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.
Shelf Life	12 months unopened and stored as above.

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Vegan and Vegetarian Statement

IDENTIFICATION

Product:	Orange Oil Sweet (ORANCP1001)
Cas No:	8028-48-6 / 8008-57-9
EINECS No:	232-433-8

STATEMENT

We, Madar Corporation Limited, from information received from our supplier, hereby declare that the material listed above is suitable for the following:

Vegans (Excludes all animal derived products, including dairy, eggs, leather, bee products (beeswax and honey)).

Lacto Vegetarians (Same as vegan but allows milk products and bee products.

Ovo Vegetarians (Same as vegan but allows egg products and bee products)

It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.

This document represents to the best of our knowledge and from information received from our supplier. It does not release the buyer from the obligation to carry out an examination of the goods received. All uses made by the buyer are done under their own responsibility.