



Certificate of Analysis

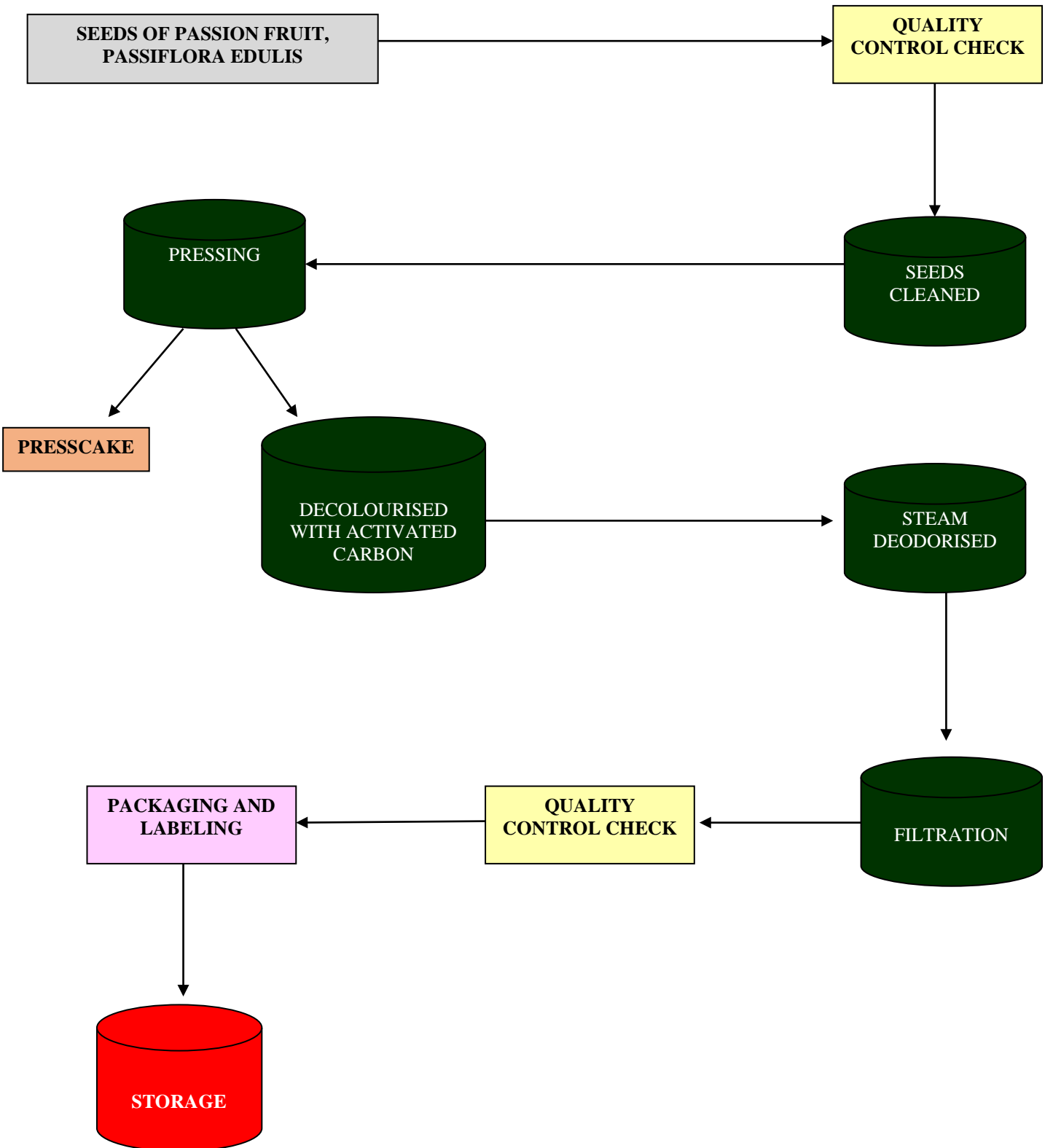
PRODUCT DETAILS					
Product Name		PASSION FRUIT SEED OIL			
Product Code		OVPASS			
Batch Number		4429508			
Best Before End		April 2023			
Identification		CAS No: 91770-48-8		EINECS No: 294-833-9	
		Alternative CAS: 97676-26-1			
PHYSICAL AND CHEMICAL CHARACTERISTIC					
		SPECIFICATION RANGE		RESULTS	
Appearance		Liquid		Conforms	
Colour		Light (or pale). Yellow		Conforms	
Odour		Neutral		Conforms	
Relative Density @ 20°C		0.915 - 0.925		0.922	
Refractive Index @ 20°C		1.470 - 1.480		1.476	
Flash Point °C		≥200		Conforms	
Acid Value (mgKOH/g)		≤1.0		0.05	
Iodine Value (mg/g)		125.0 - 150.0		144	
Saponification Value (mgKOH/g)		185.0 - 195.0		192	
FATTY ACID PROFILE %					
FATTY ACID RANGE	RESULT	FATTY ACID RANGE	RESULT	FATTY ACID RANGE	RESULT
C14:0 Myristic Acid ≤1.0%	0.1	C16:0 Palmitic Acid 4.0-12.0%	6.8	C18:0 Stearic Acid 1.0-6.0%	2.8
C18:1 Oleic Acid 5.0-25.0%	10.4	C18:2 Linoleic Acid 65.0 - 85.0%	77.3	C18:3 Linolenic Acid ≤1.0%	0.1
STORAGE AND SHELF LIFE					
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.				
Shelf Life	24 Months unopened and stored as above.				

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Issue No: 1

07/06/2018

PASSIONFRUIT VIRGIN FLOW CHART





SAFETY DATA SHEET PASSION FRUIT SEED OIL

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

1.1. Product identifier

Product name	PASSION FRUIT SEED OIL
Product number	OVPASS
Synonyms; trade names	Passiflora Edulis Seed Oil
CAS number	91770-48-8
Alternative Cas Number	97676-26-1
EC number	294-833-9

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

Identified uses	Industrial, only for professional use
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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

Tel. +44 1425 655555 (Opening Hours 9am - 5pm)
e-mail technical@madarcorporation.co.uk

1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

2.2. Label elements

EC number	294-833-9
Hazard statements	NC Not Classified

2.3. Other hazards

PASSION FRUIT SEED OIL

SECTION 3: Composition/information on ingredients

3.1. Substances

Product name	PASSION FRUIT SEED OIL
CAS number	91770-48-8
EC number	294-833-9

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin contact	Wash skin thoroughly with soap and water or use an approved skin cleanser. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

General information	No further information available at this time.
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4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	No data available.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use as appropriate carbon dioxide (CO ₂), dry chemical or foam
Unsuitable extinguishing media	For safety reasons do not use full water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards	This product is made up of inflammable material with low risk. The product may only form ignitable mixtures or burn only upon heating above the flash point. However, minor contamination by lightly volatile hydrocarbons may increase the hazard. Ignition hazard at welding at the empty container. 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	Avoid breathing fire gases or vapours. Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters	Wear full protective clothing

PASSION FRUIT SEED OIL

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Follow safety measures as mentioned in sections "handling and storage" and "exposure controls/personal protection". Keep unnecessary and unprotected personnel away from the spillage. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours. Use suitable respiratory protection if ventilation is inadequate. Wash thoroughly after dealing with a spillage.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb with liquid binding material (e.g sand, diatomaceous earth, acid or universal binding agents). Collect in closed and suitable containers for disposal. Never return spills in original containers for re-use. Wash spill site after material pick up is complete.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use. Use personal protection equipment as mentioned under "exposure controls and personal protection". Avoid contact with skin, eyes and clothing. Use only outdoors or in a well-ventilated area. Use suitable respiratory protection if ventilation is inadequate. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not eat, drink or smoke when using this product. Avoid release to the environment.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide eyewash station Provide adequate ventilation.

Personal protection

Use personal protection according to Directive 89/686/EEC

Eye/face protection

Approved safety goggles.

Hand protection

Chemical resistant gloves (PVC)

Other skin and body protection

Wear apron or protective clothing in case of contact.

Hygiene measures

Good personal hygiene procedures should be implemented.

PASSION FRUIT SEED OIL

Respiratory protection	Generally unnecessary in a well ventilated area. If ventilation is insufficient, respiratory protection must be worn.
Environmental exposure controls	Avoid discharging into drains. Do not allow run-off fire fighting to enter drains or water courses.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Light (or pale). Yellow.
Odour	Neutral
Initial boiling point and range	≥350°C
Flash point	≥ 200°C
Relative density	0.915 - 0.925 @ 20°C
Solubility(ies)	Insoluble in water. Soluble in oil and ethanol

9.2. Other information

Refractive index	1.470 - 1.480 @ 20°C
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Hydrocarbon Content

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Oxidation with atmospheric oxygen. Formation of free fatty acids.
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10.2. Chemical stability

Stability	Stable under the prescribed storage conditions.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Reacts with oxidants.
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition.
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10.5. Incompatible materials

Materials to avoid	Avoid contact with strong oxidising agents.
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10.6. Hazardous decomposition products

Hazardous decomposition products	No dangerous decomposition products expected by intended use.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	There are no known health hazards associated with this product.
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Acute toxicity - dermal

Notes (dermal LD₅₀)	No information available.
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Skin corrosion/irritation

Skin corrosion/irritation	Not available.
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PASSION FRUIT SEED OIL

Carcinogenicity

Carcinogenicity No information available.

Aspiration hazard

Aspiration hazard No data available.

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity No information available.

Toxicity to soil No data available.

12.2. Persistence and degradability

Biodegradation Expected to be readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential Possible

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

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Do not empty into drains. Avoid releasing into the environment.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

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

SECTION 16: Other information

Revision date	06/06/2018
Revision	1
SDS number	5177

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Product Specification

PRODUCT DETAILS		
Product Name	PASSION FRUIT SEED OIL	
Product Code	OVPASS	
Tariff Number	15159060	
Country of Origin	Various	
INCI Name	Passiflora Edulis Seed Oil	
Natural Status	We hereby declare, to the best of our knowledge and from information received from our supplier, that this product is in accordance to the requirements of Articles 3 (2) (d) of Regulation (EC) 1334/2008 and therefore can be designated as natural. This product does not contain any solvents or additives.	
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	Not Certified	
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, blood of any origin, blood plasma, pork and/or other meat products. This product does not contain 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	Please request Flowchart.	
Identification	CAS No: 91770-48-8	EINECS No: 294-833-9
	Alternative CAS: 97676-26-1	
PHYSICAL AND CHEMICAL CHARACTERISTIC		
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C18:1 Oleic Acid 5.0 - 25.0	C18:2 Linoleic Acid 65.0 - 85.0	C18:3 Linolenic Acid ≤1.0
FRAGRANCE ALLERGENS		
NOT APPLICABLE		
FOOD ALLERGENS		
NONE PRESENT		
IFRA		
NOT APPLICABLE		
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	
Shelf Life	24 Months unopened and stored as above.	

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Vegan Statement

IDENTIFICATION	
Product:	PASSION FRUIT SEED VIRGIN OIL
Cas No:	91770-48-8 / 97676-26-1
EINECS No:	294-833-9
STATEMENT	
<p>We, MADAR Corporation Limited, from information received from our supplier, hereby declare that the material listed above is compliant with a vegan diet.</p> <p>It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.</p> <p>10th December 2018</p> <p>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.</p>	