



Safety Data Sheet

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

1.1 Product Identifier					
Product Name		Avocado Oil Unrefined.			
Biological Definition		The oil obtained from pressing the fruits of <i>Persea gratissima</i> Gaertn. (syn <i>Persea americana</i> Mill.).			
INCI Name		Persea gratissima oil.			
Synonyms & Trade Names		Alligator pear oil.			
CAS-No	8024-32-6	EC No.	232-428-0	EINECS No.	232-428-0
1.2 Relative identified uses of the substance or mixture and uses advised against					
No additional data available.					
1.3 Details of the supplier of the safety data sheet					
Golden Bough Botanicals Inc 12-1585 Cliveden Ave Delta BC V3M 6M1					
1.4 Emergency Tel. No.		604-540-8700 (Monday-Friday 8:30 am-4:30 pm)			

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
Not classed as a hazardous substance.	
Classification (EC 1272/2008)	
Not classed as a hazardous substance.	
2.2 Label Elements	
Label in accordance with (EC) No 1272/2008	
No labelling required.	
Signal Word	None.
Contains	Contains no hazardous substances. Avocado oil is pressed from the fruit pulp and is composed primarily of oleic acid based glycerides & some 10% of unsaponifiable compounds, such as sterols and volatile acids.
Hazard Statements	
None.	
Precautionary Statements	
None.	
Supplementary Precautionary Statements	
None.	
2.3 Other Hazards	
PBT or vPvB according to Annex XIII	No.
Adverse physio-chemical properties	Oil is flammable but of low risk.
Adverse effects on human health	No symptoms known.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

100% *Persea gratissima* oil - Cas No: 8024-32-6 not classed as a hazardous product

04. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Move the exposed person to fresh air at once. Seek medical attention if any discomfort continues.
Ingestion	Rinse mouth with water. Seek medical attention if any discomfort occurs.
Skin Contact	Remove contaminated clothing. Wash skin with soap and water. Seek medical attention if any discomfort continues.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical attention immediately. Continue to rinse.

4.2 Most important symptoms and effects, both acute and delayed

No symptoms known.

4.3 Indication of any immediate medical attention and special treatment needed

None.

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Extinguishing media: Carbon dioxide (CO₂). Dry Chemical Powder. Foam.

Unsuitable extinguishing media: do not use direct water jet on burning material.

5.2 Special hazards arising from the product

No specific hazards.

5.3 Advice for firefighters

Closed containers may build up pressure when exposed to heat and should be cooled with water spray. Wear protective clothing. Avoid inhalation of vapours.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use protective gloves, goggles and suitable protective clothing. Remove sources of ignition, provide adequate ventilation. Avoid contact with skin and eyes.

6.2 Environmental Precautions

Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines.

6.3 Methods and material for containment and cleaning up.

Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations. If spillage on water occurs; Remove from the surface with suitable adsorbent material. Disposal according to UK/EU Environmental regulations.

6.4 Reference to other sections





None.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
7.2 Conditions for safe storage, including any incompatibilities
Store in tightly closed original container, in a cool (max room temperature) dry & ventilated area away from heat sources. Protect from freezing and direct sunlight. Keep air contact to a minimum. Intrusion into the soil to be avoided.
7.3 Specific end use(s)
No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	
None.	
8.2 Exposure controls	
Protective Equipment	
	
	  
	Goggles Gloves Overalls
Process Conditions	No special measures required.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	Use adequate ventilation, especially when handling hot oil.
Hand Protection	Use chemically resistant gloves if there is a risk of direct contact or splashing.
Eye Protection	Wear safety goggles or face shield if risk of splashing.
Other Protection	Slip proof shoes may be worn in event of spillages.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal Protection	Wear appropriate clothing to prevent possibility of skin contact.
Skin Protection	Wear appropriate clothing to prevent possibility of skin contact.
Environmental Exposure Controls	Avoid discharging into drainage water.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Clear, green to yellowish liquid.
Colour	Green to yellowish.
Odour	Characteristic
Relative Density	0.912 - 0.923 @ 20°C
Flash Point (°C)	>200°C
Refractive Index	1.468 - 1.476 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water. Soluble in vegetable oils.
Auto-ignition temperature (°C)	No additional data available.
9.2 Other information	
No additional data available.	

10. STABILITY AND REACTIVITY

10.1 Reactivity
Generally stable. It presents no significant reactivity hazards, by itself or in contact with water.
10.2 Chemical stability
Stable under the recommended handling and storage conditions.
10.3 Possible hazardous reactions
None.
10.4 Conditions to Avoid
Avoid storage temperatures above 25°C.
10.5 Incompatible materials
Avoid contact with strong acids, alkalis and oxidising agents.
10.6 Hazardous Decomposition Products
Does not decompose at proper handling. Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	No additional data available.
Skin corrosion / irritation	No additional data available.
Serious eye damage / irritation	No additional data available.
Respiratory or skin sensitisation	No additional data available.
Germ Cell Mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	No additional data available.
Photo-toxicity	Not photo toxic.
Other Information	None.

12. ECOLOGICAL INFORMATION

12.1 Toxicity
No additional data available.
12.2 Persistence & degradability
Expected to be fully biodegradable.
12.3 Bioaccumulation Potential
Possible.
12.4 Mobility in soil
No additional data available.
12.5 Results of PBT and vPvB Assessment
No additional data available.
12.6 Other adverse effects
Do not allow product to enter streams, sewers or other waterways.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Collect and dispose of waste product in accordance with local authority guidelines. Product remainders should not intrude soil or waters.

14. TRANSPORT INFORMATION

14.1 UN number

UN No. Road	Not applicable - Non hazardous product.
UN No. SEA	Not applicable - Non hazardous product.
UN No. AIR	Not applicable - Non hazardous product.

14.2 UN proper shipping name

Not applicable - Non hazardous product.

14.3 Transport hazard class(es)

Not applicable - Non hazardous product.

14.4 Packing group

Not applicable - Non hazardous product.

14.5 Environmental hazards

No hazard label necessary – non hazardous product.

14.6 Special precautions for user

See sections 6 – 8.

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

Not defined.

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).
Approved Code Of Practice
Classification and Labelling of Substances and Preparations Dangerous for Supply.
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 and/or Precautionary Statements in Full	None - non hazardous product.
Other Information	None.
Revision Date	June 23, 2015

Reason for revision	New SDS.
Rev No/Repl, SDS Generated	01

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