

MATERIAL SAFETY DATA SHEET

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

1:1-Product Identifiers:					
Product name		Jojoba Wax			
Biological Definition		Hydrogenated vegetable oil and Simmondsia Chinensis Seed oil and Tocopherol			
INCI Name		Hydrogenated vegetable oil- Simmondsia Chinensis Seed oil- Tocopherol			
Synonyms & Trade Names		-			
Reach Registration Number		-			
FEMA No.	-	FDA No.	-	CoE No.	-
CAS-No	68334-28-1/ 90045-98-0/ 10191-41-0	EC No.	-	EINECS No.	269-820-6/ 289-964-3/ 233-466-0

1:2 – Relevant Identified Uses of the substance or mixture and uses advised against:	
Identified Uses	Cosmetic
1:3 – Details of the supplier of the Safety data sheets.	
Company Name	Gracefruit Ltd 146 Glasgow Road, Longcroft, Stirlingshire, FK4 1QL www.gracefruit.com

02. HAZARDS IDENTIFICATION

2:1 Classification of the substance or mixture	
Classification (1999/45)	Not classed as a hazardous substance
Classification (EC 1272/2008)	Not classed as a hazardous substance
2.2 – Label Elements	
Label Elements in accordance with (EC) No 1272/2008	Label not required – Not classified substance
2:3 - Other hazards	

Signal Word	None.
Contains	No hazardous substances
Hazard Statements	None
Precautionary Statements	None
Supplementary Precautionary Statements	None
PBT or vPvB according to Annex XIII	No
Adverse physio-chemical properties	None
Adverse effects on human health	None

03. COMPOSITION/INFORMATION ON INGREDIENTS

3:1 - Substances	
Substances	Triglycerides from vegetable origin. CAS No- 68334-28-1/ 90045-98-0/ 10191-41-0 EINECS No- 269-820-6/ 289-964-3/ 233-466-0
3:2 - Mixtures	
Mixtures	No additional data available

04. FIRST AID MEASURES

4:1 – Description of first aid measures	
General Advice	In all cases of doubt, or when symptoms persist seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	No additional data available
Ingestion	Not considered dangerous. In high dosage Seek medical attention.
Skin Contact	Wash off with soap and plenty of water.
Eye Contact	Flush eyes with plenty of water. Seek medical attention if any irritation persists.

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4:2 – Most important symptoms and effects, both acute and delayed

Symptoms and effects	No additional data available
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4:3 – Indication of any immediate medical attention and special treatment needed

Special requirements	No additional data available
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05. FIRE-FIGHTING MEASURES

5:1 - Extinguishing Media

Suitable extinguishing Media	Sand, Foam, Carbon dioxide or dry powder.
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Unsuitable extinguishing Media-DO NOT USE	No additional data available
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5:2 - Special Hazards arising from substance or mixture

Specific hazards	None identified.
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5:3 – Advice for firefighters

Special firefighting procedures/ protective actions.	Use self -contained breathing apparatus in conditions of thick smoke, cool containers at risk with water spray jet.
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06. ACCIDENTAL RELEASE MEASURES

6:1 - Personal Precautions, protective equipment and emergency procedures.

Personal precautions	Wear protective clothing
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6:2 - Environmental Precautions

Environmental Precautions	Do not discharge into drains, surface or ground water.
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6:3 – Methods and materials for containment and cleaning up


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Spill Clean Up Methods	Recuperate the spilled product. Wash with water and detergent. Recuperate all material in a suitable container for disposal.
6:4 – Reference to other sections	
Reference to other sections	Section 8 – Exposure controls/ personal protection for further information on personal precautions, Section 13 – Disposal considerations for further information on waste treatment.

07. HANDLING AND STORAGE

7:1 – Precautions for safe handling	
Usage precautions	Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of material from eyes, skin, and clothing.
7:2 – Conditions for safe Storage including any incompatibilities	
Storage Precautions	Store in a cool dry place in unopened containers. Do not expose containers to source of heat. No smoking. Prevent unauthorized access. Containers which are opened must be properly resealed and kept upright to prevent leakage. Unless the container is specifically designed, never use pressure to empty it.
Suitable Packaging	No additional data available
7:3 – Specific end use (s)	
End Uses	No additional data available

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8:1 – Control parameters	
Components with workplace control parameters	No additional data available
8:2 – Exposure controls	
Protective Equipment	
Process conditions	No additional data available

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Engineering Measures	No additional data available
Respiratory Equipment	No additional data available
Hand Protection	Wearing protective gloves is recommended. Wash thoroughly after handling.
Eye Protection	Use good industrial practise to avoid eye contact
Other Protection	No additional data available
Hygiene Measures	No additional data available
Personal protection	No additional data available
Skin protection	Minimise skin contact by following good industrial hygiene practice.
Environmental exposure controls	No additional data available

09. PHYSICAL AND CHEMICAL PROPERTIES

9:1 - Information on basic physical and chemical properties.	
Appearance	Solid
Colour	White to off white
Odour	Faint characteristic
Density (80°C)	~0,9 g/cc
Flash Point (°C)	>220 (in closed vase)
Refractive Index	No additional data available.
Melting Point (°C)	60-70
Boiling Point (°C)	>300
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water. Soluble in oils and organic solvents
Auto-ignition temperature (°C)	>300
9:2 - Other information	

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Other Information	No additional data available.
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10. STABILITY AND REACTIVITY

10:1- Reactivity	
Reactivity	No additional data available.
10:2 - Chemical stability	
Stability	Product becomes rancid on extended exposure to air, light and heat.
10:3 - Possibility of hazardous reactions	
Possible hazardous reactions	No hazardous reactions identified
10:4 - Conditions to avoid	
Conditions to Avoid	None known
10:5 – Incompatible materials	
Incompatible materials	Avoid strong oxidizing agents.
10:6 - Hazardous Decomposition Products	
Hazardous Decomposition Products	On combustion, toxic vapours such as carbon monoxide may be produced.

11. TOXOLOGICAL INFORMATION

11:1 Information on toxicological effects	
Acute Toxicity	From information available, this product is non-toxic under normal conditions and is not classified in EEC listing.

12. ECOLOGICAL INFORMATION

12:1- Toxicity	
Ecotoxicity	The substance while being water insoluble could if it is versed in big quantity, harmful to the marine ecosystem while preventing by the formation of a surface layer, the right oxygenation of the water of its flora and its fauna.

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12:2 - Persistence & degradability	
Persistence & degradability	Preparation biodegradable, in phase of decomposition it does not develop dangerous matters. To use in the second place good practices of work, while avoiding dispersing the product in the natural environment.
12:3 - Bioaccumulative Potential	
Bioaccumulative Potential	No additional data available.
12:4 – Mobility in soil	
Mobility	No additional data available.
12:5 – Results of PBT and vPvB assessment	
PBT Assessment Results	No additional data available.
12:6 Other adverse effects	
Precautions	No additional data available.

13. DISPOSAL CONSIDERATIONS

13:1 Waste treatment methods	
Disposal Methods	The disposal should be in accordance with all applicable regulations. Do not discharge into drains, surface and ground water. Do not reject waters of wash in the natural environment or the sewers.

14. TRANSPORT INFORMATION

Warning Icon	Not dangerous goods according to transport legislation.
14:1 – UN Number	
UN No Road – ADR/RID/ADN	Not required
UN No Sea- IMDG	Not required
UN No Air – ICAO	Not required

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14:2 – UN proper shipping name

Road – ADR/RID/ADN	Not required
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Sea- IMDG	Not required
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Air - ICAO	Not required
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14:3 – Transport Hazard class (es)

Road – ADR/RID/ADN	Not required
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Sea- IMDG	Not required
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Air- ICAO	Not required
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14:4 - Packaging group

Road – ADR/RID/ADN	Not required
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Sea- IMDG	Not required
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Air - ICAO	Not required
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14:5 – Environmental hazard

Environmentally hazardous substance/ marine pollutant.	No additional data available
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14:6 - Special precautions for user

Precautions	No additional data available
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14:7 – Transport in bulk according to Annex II of MARPOL 73/79 and the IBC code

	No additional data available
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15. REGULATORY INFORMATION

15:1 – Safety, health and environmental regulations/ legislation specific for the substance or mixture.	
EU Directives	Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 th Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.
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. Safety Data Sheets for Substances and Preparations
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.
15:2 Chemical Safety assessment	
Assessment information	A chemical assessment for this product has not been carried out.

16. OTHER INFORMATION

Revision Date	18.07.2016
Rev No/Repl, SDS Generated	3
Change Description	Updated to new MSDS format
Changes made by	K Tatton
Review Date	18.07.2018
Risk Phrases in Full	None

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Hazard Statements in Full	None
Other Information	None

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 user's responsibility to satisfy themselves as to the suitability of such information for his/her own particular use.