

MATERIAL SAFETY DATA SHEET

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

1.1 Product Identifier					
Product Name		Yellow Beeswax			
Biological Definition		-			
Alternative Name		-			
Synonyms & Trade Names		-			
CAS-No	8012-89-3	EC No.	232-383-7	EINECS No.	232-383-7
1.2 Relative identified uses of the substance or mixture and uses advised against					
No additional data					
1.3 Details of the supplier of the safety data sheet					
Gracefruit Limited 209 Glasgow Road Longcroft Bonnybridge FK4 1QQ 01324 841353					
1.4 Emergency Tel. No.					

02. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture	
No additional data	
Classification (EC 1272/2008)	
Not classified as hazardous.	
2.2 Label Elements	
Label in accordance with (EC) No 1272/2008	
None	

MATERIAL SAFETY DATA SHEET

Signal Word	None
Contains	None
Hazard Statements	
None	
Precautionary Statements	
None	
Supplementary Statements	
None	
2.3 Other Hazards	
PBT or vPvB according to Annex XIII	Not identified as PBT or vPvB
Adverse physio-chemical properties	No additional data
Adverse effects on human health	Hot liquid may cause thermal burns.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures	
<p><u>100% Beeswax</u> CAS: 8012-89-3 Classification: - Not classified as hazardous</p>	

04. FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	Remove to fresh air immediately and remain at rest in a position which is comfortable for breathing. Keep person who has been affected warm. If recovery is not rapid or if discomfort occurs/continues, seek medical attention.
Ingestion	Do NOT induce vomiting. No emergency measures are expected to be required for the amounts that might be ingested by accident. If larger amounts are ingested or if discomfort occurs/continues, seek medical attention.
Skin Contact	Remove contaminated clothing immediately and wash before reuse. Wash skin thoroughly with soap and water. No emergency measures are expected to be required however if discomfort occurs/continues, seek medical attention.
Eye Contact	Rinse eyes immediately with clean water for a minimum of fifteen minutes. If safe to do so, remove contact lenses and continue to rinse. If discomfort occurs/continues, seek medical attention.
4.2 Most important symptoms and effects, both acute and delayed	
<p>Inhalation: - High concentration of vapours may induce headache, nausea, dizziness.</p>	

MATERIAL SAFETY DATA SHEET

- Irritant effect on the respiratory tract

Ingestion:

- May cause nausea

Skin Contact:

- May cause minor skin irritation.
- Heated product may cause thermal burns

Eye Contact:

- May cause slight eye irritation

4.3 Indication of any immediate medical attention and special treatment needed

Any contact with heated product, quickly cool affected area with water and seek medical attention immediately, thermal burns should always be treated by trained personnel.

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable extinguishing media:

- Foam
- Carbon Dioxide
- Dry Chemical Powder

Unsuitable extinguishing media:

- Water

5.2 Special hazards arising from the product

Slight flammability hazard when this product is exposed to heat or flames. In the event of fire this product will produce toxic gases, caused by thermal decomposition or combustion – carbon monoxide, nitrous gases

5.3 Advice for firefighters

Wear self-contained respiratory equipment and appropriate clothing at all times. Do not remain or allow other people to remain in the vicinity without respiratory protection/equipment and protective clothing.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear all recommended suitable protective clothing. If safe to do so, always stop leaks at the earliest opportunity. Remove all potential sources of ignition from around the product.

6.2 Environmental Precautions

Water may be used to flush spills away from any potential sources of ignition. Prevent any product spreading into the environment by damming. Do not allow this product to enter any public drainage system or open water courses. Avoid any release into the environment.

6.3 Methods and material for containment and cleaning up.

MATERIAL SAFETY DATA SHEET

If safe to do so, always stop leaks immediately. Use damming to prevent product from spreading to other areas. Use sand to absorb and contain the product and collect it to appropriate containers for disposal. Ensure containers are tightly sealed and clearly labelled. When the product is in its liquid state, cool it and allow it to solidify.

6.4 Reference to other sections

Section 13

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Always handle in accordance with good safety and hygiene practices. The molten version of the product can cause severe burns. Ensure adequate ventilation in all areas before handling molten version of product. Do not eat, drink or smoke whilst handling this product. If handling large/heavy packages or drums, ensure the use of suitable mechanical equipment. Wash hands immediately after use/handling of this product, before eating, drinking, smoking or any breaks from shift including finishing work. Remove any contaminated clothing before eat, drink, taking a break or leaving shift.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated place. Keep containers tightly sealed when not in use and clearly labelled. Store in the original containers or in other high-density polyethylene containers which are easily sealed.

7.3 Specific end use(s)

No additional data

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No additional data

8.2 Exposure controls

Protective Equipment



Process Conditions

No additional data

MATERIAL SAFETY DATA SHEET

Engineering Measures	Ensure sufficient ventilation across all areas where this product may be handled. Install eyewash facilities in close proximity to where the product is in use, keep eyewash facilities readily available.
Respiratory Equipment	Inhalation of the vapour, fumes or mist of generated by this product must be avoided and safe working practices should be observed at all times. In the event of airborne contamination use respiratory protection/equipment as appropriate.
Hand Protection	Wear appropriate protective gloves at all times whilst handling this product. Separate gloves may be required if dealing with the product in its molten form as it can be classed as a thermal hazard and cause thermal burns. Use heat resistant gloves. Use impervious gloves (EN374). PVC is suitable for casual contact however in the event of direct or prolonged contact (exceeding two hours) us neoprene or nitrile.
Eye Protection	Wear appropriate eyewear with side shields to provide suitable protection at all times especially if any risk assessment indicates a splash risk.
Other Protection	No additional data
Hygiene Measures	Good hygiene practices are always advised, especially when handling oils, chemicals or any other similar type of product including waxes.
Personal Protection	No additional data
Skin Protection	Wear appropriate protective clothing at all times to protect skin form contact with product especially in molten state which may cause thermal burns.
Environmental Exposure Controls	Cover drains. Dam spilled material.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Liquid @ Elevated Temperature Solid @ Ambient Temperature
Colour	Yellow
Odour	Characteristic
Relative Density	~0.97 g/cm ³ @ 20°C
Flash Point (°C)	>150°C
Refractive Index	No additional data
Melting Point (°C)	50.0 – 70.0°C
Boiling Point (°C)	No additional data

MATERIAL SAFETY DATA SHEET

Vapour Pressure	No additional data
Solubility in Water @20°C	Insoluble
Auto-ignition temperature (°C)	No additional data
9.2 Other information	
No additional data	

10. STABILITY AND REACTIVITY

10.1 Reactivity	
Not reactive under normal storage and handling conditions. May react with strong oxidising agents, especially at high temperatures.	
10.2 Chemical stability	
Expected to be stable under normal storage and handling conditions.	
10.3 Possible hazardous reactions	
No hazardous reactions are expected to occur under normal handling and storage conditions.	
10.4 Conditions to Avoid	
Extremes of temperature; store between 5.0 – 39.0°C. The product is combustible when heated >300°C	
10.5 Incompatible materials	
Strong Oxidants, eg chlorates, peroxides	
10.6 Hazardous Decomposition Products	
Thermal decomposition or incomplete combustion may produce carbon monoxide, nitrous gases and irritating fumes.	

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	Oral: LD50 > 2000mg/kg
Skin corrosion / irritation	Not classified as a corrosive/irritant
Serious eye damage / irritation	Can cause slight – moderate irritation
Respiratory or skin sensitisation	No classed as a respirator or skin sensitizer
Germ Cell Mutagenicity	Not classed as mutagenic
Carcinogenicity	Not classed a carcinogenic

MATERIAL SAFETY DATA SHEET

Reproductive toxicity	Not classed as a reproductive toxicant
STOT-single exposure	Not classed as a specific target organ toxicant
STOT-repeated exposure	No classed as a specific target organ toxicant
Aspiration hazard	Not classified as presenting an aspiration hazard
Photo-toxicity	No additional data
Other Information	No additional data

12. ECOLOGICAL INFORMATION

12.1 Toxicity	Not classified as hazardous to the aquatic environment
12.2 Persistence & degradability	Insoluble in water. Can be separated from water in suitable effluent treatment plants.
12.3 Bioaccumulation Potential	No additional data
12.4 Mobility in soil	Non-volatile and absorption into soil solid phase, not expected.
12.5 Results of PBT and vPvB Assessment	Not identified as a PBT/ vPvB Substance
12.6 Other adverse effects	No additional data

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Always dispose of this product in accordance with local and national regulations. Do not dispose of into drains or sewage system.
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14. TRANSPORT INFORMATION

14.1 UN number	
UN No. Road	Not classified
UN No. SEA	Not classified

MATERIAL SAFETY DATA SHEET

UN No. AIR	Not classified
14.2 UN proper shipping name	Not classified
14.3 Transport hazard class(es)	Not classified
14.4 Packing group	Not classified
14.5 Environmental hazards	Not classified
14.6 Special precautions for user	Not classified
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code	Not classified

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	Regulation [EC] 1272/2008 including amendments Regulation [EC] 1907/2006 including amendments (EC 2015/830)
15.2 Chemical safety assessment	No additional data

16. OTHER INFORMATION

Hazard Statements in Full	None
Revision Date	25/03/2020
Rev No	7