



Safety Data Sheet

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

1.1 Product Identifier					
Product Name		Beeswax Pellets White.			
Biological Definition		The Beeswax is collected from bee hives (<i>bee Apis mellifera L.</i>) and then gently heated and poured into tubs to produce the blocks of solid beeswax. It consists primarily of myricyl palmitate, cerotic acid and esters and some high-carbon paraffins (is a complex mixture of fatty acid esters, long chain alcohols, free wax acids and hydrocarbons).			
INCI Name		Cera Alba.			
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 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	
None.	
Signal Word	None.
Contains	Contains no hazardous substances.
Hazard Statements	
None.	
Precautionary Statements	
None.	
Supplementary Precautionary Statements	
None.	
2.3 Other Hazards	
PBT or vPvB according to Annex XIII	Not applicable.
Adverse physio-chemical properties	None.
Adverse effects on human health	None.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
100% Cera Alba Cas No: 8012-89-3 not classed as a hazardous substance.

04. FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	Mist or fumes may cause irritation or coughing. Move the exposed person to fresh air at once. Seek medical attention if any discomfort continues.
Ingestion	Harmless if swallowed in small doses, but larger amounts may cause nausea and diarrhoea. Low order of toxicity. Wash the mouth with water. Seek medical attention if any discomfort occurs. If large amounts are swallowed obtain prompt medical attention.
Skin Contact	<u>Cold wax.</u> Wash with soap, hand cleaner and water. <u>Hot wax.</u> Flush skin with cold water to cool as quickly as possible. Cover with clean cotton or gauze. Do not attempt to remove wax from a burn as this can result in tissue loss. Obtain prompt medical attention.
Eye Contact	<u>Cold wax.</u> Wash eyes thoroughly with water. <u>Heated wax.</u> Rinse with cool water to dissipate heat, do not try to remove wax. Obtain prompt medical attention.
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 (CO ₂). Dry Chemical Powder. Foam. Unsuitable extinguishing media: do not use direct water jet on burning material.
5.2 Special hazards arising from the product
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.
5.3 Advice for firefighters
Closed containers may build up pressure when exposed to heat and should be cooled with water spray. Self contained breathing apparatus and full protective clothing must be worn in case of fire. 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. In case of spills, beware of slippery floors and surfaces.
6.2 Environmental Precautions
Do not discharge into drains, water courses or onto the ground. . Large spillages entering drains / sewers will solidify and may cause blockages and the authorities should be informed in line with environmental laws. Dispose of in line with Local authority guidelines.
6.3 Methods and material for containment and cleaning up.
Allow spilt hot wax to cool and solidify and remove the solid for subsequent disposal. Large spillages entering drains / sewers will solidify and may cause blockages and the authorities should be informed in line with

environmental laws. Dispose 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. Keep containers leak proof, tightly closed and dry.
7.2 Conditions for safe storage, including any incompatibilities
Intrusion into soil to be avoided. Store the product, in tightly closed original containers, in a cool (max. at room temperature) and well-ventilated environment. Keep away from sources of ignition. Protect from freezing and direct sunlight. Provide suitable mechanical equipment for the safe handling of drums and heavy packages. Electrical equipment and fittings must comply with local regulations.
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	
 <p style="text-align: center;"> Goggles Gloves Overalls </p>	
Process Conditions	No special measures required.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	No specific measures but a threshold value of 1mg/m ³ is recommended for wax fumes.
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	No special measures required.
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	Translucent wax pellets. Becomes soft and pliable when warmed by hand.
Colour	Creamy white.
Odour	Slight odour - characteristic of honey .
Relative Density	No additional data available.
Flash Point (°C)	>230

Refractive Index	No additional data available.
Melting Point (°C)	61 - 66
Boiling Point (°C)	>100
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water.
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, becomes rancid on prolonged exposure to air. Formation of free fatty acids. 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	
Reacts with oxidants.	
10.4 Conditions to Avoid	
Avoid oxidation promoting conditions (heat , flames and UV light).	
10.5 Incompatible materials	
Avoid contact with strong acids, alkalis and oxidising agents.	
10.6 Hazardous Decomposition Products	
Product does not decompose at proper handling. In case of fire, carbon monoxide, carbon dioxide and other non-identified organic compounds may be formed.	

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	In compliance with generally accepted uses and quantities are no negative impacts to be expected. LD50 oral: not determined. LD50 dermal: not determined. LC50: not determined. Inhalation: There is not expected negative impact. Ingestion: There is not expected negative impact. Skin contact: There is not expected negative impact. Eye contact: There is not expected negative impact.
Skin corrosion / irritation	In compliance with generally accepted uses and quantities are no negative impacts to be expected.
Serious eye damage / irritation	Spray and vapour in the eyes may cause irritation and smarting.
Respiratory or skin sensitisation	In compliance with generally accepted uses and quantities are no negative impacts to be expected.
Germ Cell Mutagenicity	No expected negative impact.
Carcinogenicity	No expected negative impact.
Reproductive toxicity	No expected negative impact.
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
Readily 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
Do not release into the environment. Collect and dispose of waste product, in accordance with local authority guidelines, at an authorised disposal facility. Product remainders should not intrude soil or waters.

14. TRANSPORT INFORMATION

14.1 UN number	
UN No. Road	Non hazardous product – not bound by transport regulations.
UN No. SEA	Non hazardous product – not bound by transport regulations.
UN No. AIR	Non hazardous product – not bound by transport regulations.
14.2 UN proper shipping name	
Non hazardous product – not bound by transport regulations.	
14.3 Transport hazard class(es)	
Non hazardous product – not bound by transport regulations.	
14.4 Packing group	
No additional data available.	
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
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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).

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	Complies with REACH guidance for SDS as circulated by ECHA 2011. Cosmetics Directive 7th Amendment: Not restricted Suitable for the following packaging types; glass, lacquer lined steel/tin, aluminium, HPPE, F/HPPE, other plastic.
Revision Date	July 9, 2015
Reason for revision	New SDS.
Rev No/Repl, SDS Generated	01

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