



Safety Data Sheet

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

| | | | | | |
|--|-----------|--|-----------|------------|-----------|
| 1.1 Product Identifier | | | | | |
| Product Name | | Beeswax Pellets Yellow Organic. | | | |
| 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. Becomes soft and pliable when warmed by hand. |
| Colour | Yellow to dark yellow. |
| Odour | Slight odour - honey note. |
| 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 |
|--|

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 |

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 himself as to the suitability of such information for his own particular use.