



## Safety Data Sheet

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

|  |           |  |           |            |           |
|--|-----------|--|-----------|------------|-----------|
| <b>1.1 Product Identifier</b>  |           |  |           |            |           |
| Product Name   |           | Sesame Seed Oil Refined  |           |            |           |
| Biological Definition  |           | Sesamum Indicum Seed Oil is the oil obtained by pressing from the seed of sesame <i>Sesamum indicum</i> , <i>Pedaliaceae</i> . It consists primarily of the glycerides of the fatty acids linoleic, oleic, palmitic and stearic. |           |            |           |
| INCI Name  |           | Sesamum Indicum Seed Oil   |           |            |           |
| Synonyms & Trade Names   |           | -  |           |            |           |
| CAS-No   | 8008-74-0 | EC No.   | 232-370-6 | EINECS No. | 232-370-6 |
| <b>1.2 Relative identified uses of the substance or mixture and uses advised against</b> |           |  |           |            |           |
| Application; Emollient/hair conditioning/skin conditioning.                              |           |  |           |            |           |
| <b>1.3 Details of the supplier of the safety data sheet</b>                              |           |  |           |            |           |
| Golden Bough Botanicals Inc 12-1585 Cliveden Ave Delta BC V3M 6M1                        |           |  |           |            |           |
| <b>1.4 Emergency Tel. No.</b>  |           | 604-540-8700 (Monday-Friday 8:30 am-4:30 pm)   |           |            |           |

### 02. HAZARDS IDENTIFICATION

|   |                                  |
|---|----------------------------------|
| <b>2.1 Classification of the substance or mixture</b> |                                  |
| Not classified as a hazardous substance.              |                                  |
| Classification (EC 1272/2008)                         |                                  |
| Not classified as a hazardous substance.              |                                  |
| <b>2.2 Label Elements</b>                             |                                  |
| Label in accordance with (EC) No 1272/2008            |                                  |
| No labelling requirement                              |                                  |
| Signal Word   | None                             |
| Contains  | Contains no hazardous substances |
| Hazard Statements                                     |                                  |
| None  |                                  |
| Precautionary Statements                              |                                  |
| None  |                                  |
| Supplementary Precautionary Statements                |                                  |
| None  |                                  |
| <b>2.3 Other Hazards</b>                              |                                  |
| PBT or vPvB according to Annex XIII                   | No additional data available     |
| Adverse physio-chemical properties                    | None                             |
| Adverse effects on human health                       | None                             |

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

|   |
|---|
| <b>3.1 Substances</b>   |
| 100% Sesamum Indicum Seed Oil      Cas. No. 8008-74-0      Not classed as a hazardous substance |

### 04. FIRST AID MEASURES

|   |  |
|---|--|
| <b>4.1 Description of first aid measures</b>  |  |
| Inhalation  | Medical attention not normally necessary. Remove affected person to fresh air. Seek medical attention if any discomfort continues.                               |
| Ingestion   | Non toxic product – edible, food grade. Medical attention not normally necessary. Seek medical attention if 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 if irritation continues. |
| <b>4.2 Most important symptoms and effects, both acute and delayed</b>                |  |
| No symptoms known   |  |
| <b>4.3 Indication of any immediate medical attention and special treatment needed</b> |  |
| None  |  |

### 05. FIRE-FIGHTING MEASURES

|  |  |
|--|--|
| <b>5.1 Extinguishing Media</b>   |  |
| Extinguishing media: Carbon dioxide (CO <sub>2</sub> ). Dry Chemical Powder. Foam.<br>Unsuitable extinguishing media: do not use direct water jet on burning material.   |  |
| <b>5.2 Special hazards arising from the product</b>  |  |
| Fine oil mists may be hazardous. On extreme long heating at high temperature gaseous components occur of acrolein variety.   |  |
| <b>5.3 Advice for firefighters</b>   |  |
| Standard measures in line with fire regulations. Closed containers may build up pressure when exposed to heat and should be cooled with water spray. Wear protective clothing and self contained breathing apparatus to avoid inhalation of vapours. |  |




### 06. ACCIDENTAL RELEASE MEASURES

|   |  |
|---|--|
| <b>6.1 Personal precautions, protective equipment and emergency procedures</b>  |  |
| Use protective gloves, goggles and suitable protective clothing. In case of spills, beware of slippery floors and surfaces.   |  |
| <b>6.2 Environmental Precautions</b>  |  |
| Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines.   |  |
| <b>6.3 Methods and material for containment and cleaning up.</b>  |  |
| 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; Since the density of oil is lower than water, it will appear on the surface. The fat can be scraped off the surface. Disposal according to UK/EU Environmental regulations |  |
| <b>6.4 Reference to other sections</b>  |  |
| None  |  |

## 07. HANDLING AND STORAGE

|  |
|--|
| <b>7.1 Precautions for safe handling</b>   |
| No special precautions necessary. Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.  |
| <b>7.2 Conditions for safe storage, including any incompatibilities</b>  |
| Intrusion into soil to be avoided. Keep containers out of direct sunlight in cool dry conditions at a temperature not exceeding 25°C. Protect from freezing and direct sunlight. Keep in the original containers or in plastic or plastic-coated containers. Limit oxygenation (contact with air). |
| <b>7.3 Specific end use(s)</b>   |
| No additional data available.  |

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

|   |   |
|---|---|
| <b>8.1 Control parameters</b>   |   |
| None  |   |
| <b>8.2 Exposure controls</b>  |   |
| Protective Equipment  |   |
|   <br>Goggles      Gloves      Overalls      If handling hot oil to provide protection. |   |
| Process Conditions  | Provide adequate ventilation.   |
| Engineering Measures  | No special measures required  |
| Respiratory Equipment   | Ensure area is well ventilated.   |
| Hand Protection   | If handling hot oil: Use chemically resistant gloves if there is a risk of direct contact or splashing. |
| Eye Protection  | If handling hot oil: Wear safety goggles or face shield if risk of splashing.                           |
| Other Protection  | No additional data available  |
| Hygiene Measures  | Good personal hygiene practices are always advisable, especially when working with chemicals / oils.    |
| Personal Protection   | Avoid contact with eyes and skin.   |
| Skin Protection   | If handling hot oil: Wear appropriate clothing to prevent possibility of skin contact.                  |
| Environmental Exposure Controls   | Avoid discharging into drainage water.  |

## 09. PHYSICAL AND CHEMICAL PROPERTIES

|  |  |
|--|--|
| <b>9.1 Information on basic physical and chemical properties</b> |  |
| Appearance   | Clear very pale yellow liquid, almost colourless |
| Colour   | Very pale yellow, almost colourless              |
| Odour  | Characteristic                                   |
| Relative Density   | 0.916 - 0.921 @ 20°C                             |
| Flash Point (°C)   | No additional data available                     |
| Refractive Index   | 1.472 - 1.476 @ 20°C                             |
| Melting Point (°C)   | No additional data available                     |
| Boiling Point (°C)   | > 100  |
| 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. |
| <b>9.2 Other information</b>   |                               |
| No additional data available.  |                               |

## **10. STABILITY AND REACTIVITY**

|   |  |
|---|--|
| <b>10.1 Reactivity</b>  |  |
| No significant reactivity hazard under proper handling.   |  |
| <b>10.2 Chemical stability</b>  |  |
| 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 |  |
| <b>10.3 Possible hazardous reactions</b>  |  |
| Acrolein may be formed on extreme heating.  |  |
| <b>10.4 Conditions to Avoid</b>   |  |
| Avoid high temperatures near flash point.   |  |
| <b>10.5 Incompatible materials</b>  |  |
| Avoid contact with strong acids, alkalis and oxidising agents.  |  |
| <b>10.6 Hazardous Decomposition Products</b>  |  |
| Product does not decompose at proper handling.  |  |

## **11. TOXOLOGICAL INFORMATION**

|  |   |
|--|---|
| <b>11.1 Information on toxicological effects</b> |   |
| Acute Toxicity                                   | Non-toxic product - pharmaceutical use - food grade |
| Skin corrosion / irritation                      | Non-toxic product - pharmaceutical use - food grade |
| Serious eye damage / irritation                  | Non-toxic product - pharmaceutical use - food grade |
| Respiratory or skin sensitisation                | Non-toxic product - pharmaceutical use - food grade |
| Germ Cell Mutagenicity                           | Non-toxic product - pharmaceutical use - food grade |
| Carcinogenicity                                  | Non-toxic product - pharmaceutical use - food grade |
| Reproductive toxicity                            | Non-toxic product - pharmaceutical use - food grade |
| 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                                | No additional data available                        |

## **12. ECOLOGICAL INFORMATION**

|   |  |
|---|--|
| <b>12.1 Toxicity</b>                        |  |
| No additional data available                |  |
| <b>12.2 Persistence &amp; degradability</b> |  |
| Readily biodegradable                       |  |
| <b>12.3 Bioaccumulation Potential</b>       |  |
| No additional data available                |  |
| <b>12.4 Mobility in soil</b>                |  |
| No additional data available                |  |

|   |
|---|
| <b>12.5 Results of PBT and vPvB Assessment</b>                    |
| No additional data available                                      |
| <b>12.6 Other adverse effects</b>                                 |
| Do not allow product to enter streams, sewers or other waterways. |

### 13. DISPOSAL CONSIDERATIONS

|   |
|---|
| <b>13.1 Waste treatment methods</b>   |
| Do not release into the environment. Collect and dispose of waste product at an authorised disposal facility. Product remainders should not intrude soil or waters. |

### 14. TRANSPORT INFORMATION

|   |                                    |
|---|------------------------------------|
| <b>14.1 UN number</b>   |                                    |
| UN No. Road   | Not bound by transport regulations |
| UN No. SEA  | Not bound by transport regulations |
| UN No. AIR  | Not bound by transport regulations |
| <b>14.2 UN proper shipping name</b>   |                                    |
| Not bound by transport regulations  |                                    |
| <b>14.3 Transport hazard class(es)</b>  |                                    |
| Not bound by transport regulations  |                                    |
| <b>14.4 Packing group</b>   |                                    |
| None  |                                    |
| <b>14.5 Environmental hazards</b>   |                                    |
| No additional data available  |                                    |
| <b>14.6 Special precautions for user</b>  |                                    |
| See sections 6 - 8  |                                    |
| <b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code</b> |                                    |
| Not defined   |                                    |

### 15. REGULATORY INFORMATION

|   |
|---|
| <b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b>  |
| <p><u>Statutory Instruments</u><br/>The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).</p> <p><u>Approved Code of Practise</u><br/>Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.</p> <p><u>Guidance Notes</u><br/>CHIP for everyone HSG(108). Workplace Exposure Limits EH40</p> <p><u>EU Legislation</u><br/>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.</p> |
| <b>15.2 Chemical safety assessment</b>  |
| An assessment has not been executed as this is not a hazardous material according to article 31 of REACH 1907/2006.   |

## **16. OTHER INFORMATION**

|  |  |
|--|--|
| Hazard and/or Precautionary Statements in Full | None   |
| Other Information                              | Complies with REACH guidance for SDS as circulated by ECHA 2011. |
| Revision Date                                  | July 7, 2015   |
| Reason for revision                            | New SDS  |
| Rev No/Repl, SDS Generated                     | 01   |

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