|  |  |  |  |
| --- | --- | --- | --- |
| **1.3** | **Details of the supplier of the safety data sheet** | | |
| Bomar Ltd,  Sea Road, Kilcoole, Co. Wicklow, Ireland | | | |
| 1.4 **Emergency Telephone number** | | | +353 (0)1 2875110 |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **1.1** | **Product Identifier** | | | | | |
| Product Name | | | Myrrh Oil | | | |
| Biological Definition | | | Commiphora Myrrha Oil is the volatile oil obtained by the steam distillation of the Myrrh, *Commiphora myrrha, Burseraceae.* | | | |
| INCI Name | | | Commiphora Myrrha Oil | | | |
| Synonyms & Trade Names | | | - | | | |
| CAS-No | | 84929-26-0 | EC No. | 284-510-0 | EINECS No. | 284-510-0 |
| **1.2** | **Relative identified uses of the substance or mixture and uses advised against** | | | | | |
|  | Suitable for use in cosmetics, fragrances, flavours and professional applications only. | | | | | |

## 02. HAZARDS IDENTIFICATION

|  |  |  |
| --- | --- | --- |
| **2.1** | **Classification of the substance or mixture** | |
|  | Not classed as a hazardous substance. | |
| Classification (EC 1272/2008) | | |
|  | This product does meet the criteria for hazard classification according to EU Regulation 1272/2008 and any further amendments. | |
| **2.2** | **Label Elements** | |
| Label in accordance with (EC) No 1272/2008 | | |
|  | None. | |
| Signal Word | | None. |
| Contains | | EUH208 - Contains beta-Caryophyllene (CAS No: 87-44-5). May produce an allergic reaction. |
| Hazard Statements | | |
|  | EUH Statement:  EUH208 - Contains beta-Caryophyllene.May produce an allergic reaction. | |
| Precautionary Statements | | |
|  | None. | |
| Supplementary Precautionary Statements | | |
|  | None. | |
| **2.3** | **Other Hazards** | |
| PBT or vPvB according to Annex XIII | | No additional data available. |
| Adverse physio-chemical properties | | No additional data available. |
| Adverse effects on human health | | No additional data available. |

##### 03. COMPOSITION/INFORMATION ON INGREDIENTS

|  |  |
| --- | --- |
| **3.1** | **Substances** |
|  | **100% Commiphora Myrrha Oil** CAS No: 84929-26-0  Not classed as a hazardous substance. |

##### 04. FIRST AID MEASURES

|  |  |  |
| --- | --- | --- |
| **4.1** | **Description of first aid measures** | |
| Inhalation | | Not expected with this material. Remove affected person to fresh air. Seek medical advice/attention if any discomfort occurs. |
| Ingestion | | Seek medical advice/attention if discomfort occurs. |
| Skin Contact | | Wash skin with plenty of water. Seek medical advice/attention if any discomfort occurs. |
| Eye Contact | | Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical advice/attention if any irritation continues. |
| **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** | |
|  | Treat symptomatically. | |

##### 05. FIRE-FIGHTING MEASURES

|  |  |
| --- | --- |
| **5.1** | **Extinguishing Media** |
|  | Extinguishing media: Carbon dioxide (CO2). Dry Chemical Powder. Foam.  Unsuitable extinguishing media: Full water jet. |
| **5.2** | **Special hazards arising from the product** |
|  | This product may only form ignitable mixtures or burn above the flash point. Dangerous combustion residues:smoke, carbon monoxide, carbon dioxide. |
| **5.3** | **Advice for firefighters** |
|  | Standard. Wear self-contained breathing apparatus in confined spaces. |

##### 06. ACCIDENTAL RELEASE MEASURES

|  |  |
| --- | --- |
| **6.1** | **Personal precautions, protective equipment and emergency procedures** |
|  | Remove sources of ignition. Provide adequate ventilation. |
| **6.2** | **Environmental Precautions** |
|  | Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines. |
| **6.3** | **Methods and material for containment and cleaning up.** |
|  | Spills can be absorbed by cloth or sawdust, washed away with water & cleaned with sodic products. |
| **6.4** | **Reference to other sections** |
|  | None. |

##### 07. HANDLING AND STORAGE

|  |  |
| --- | --- |
| **7.1** | **Precautions for safe handling** |
|  | Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Prevent spills & leaks to avoid slip hazard. Always wear personal protective clothing (refer to section 8). Do not eat, drink, sniff or smoke whilst handling this product. Provide suitable mechanical equipment for the safe handling of drums & heavy packages. |
| **7.2** | **Conditions for safe storage, including any incompatibilities** |
|  | Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away from potential sources of ignition and protected from light. Maintain limited contact with oxygen. |
| **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 | | | |
|  | | Wear protective clothing if there is a risk of contact or splashing. | |
| Process Conditions | | | No special measures required. |
| Engineering Measures | | | No special measures required. |
| Respiratory Equipment | | | Not necessary with adequate general ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. |
| Hand Protection | | | Wear protective gloves. |
| Eye Protection | | | Wear protective eye-wear when handling the product. |
| Other Protection | | | No special measures required. |
| Hygiene Measures | | | Good personal hygiene practices are always advisable, especially when working with chemicals / oils. |
| Personal Protection | | | Wear suitable protective clothing. |
| Skin Protection | | | Wear suitable protective clothing. |
| Environmental Exposure Controls | | | Avoid discharging into drainage water. |

##### 09. PHYSICAL AND CHEMICAL PROPERTIES

|  |  |  |
| --- | --- | --- |
| **9.1** | **Information on basic physical and chemical properties** | |
| Appearance | | Liquid amber yellow to brown yellow, often with greenish tinge. |
| Colour | | Amber yellow to brown yellow, often with greenish tinge. |
| Odour | | Characteristic, balsamic spicy. |
| Relative Density | | Approx. 0.995 @20°C |
| Flash Point (°C) | | >93 |
| Refractive Index | | Approx. 1.507 @20°C. |
| Melting Point (°C) | | No additional data available. |
| Boiling Point (°C) | | No additional data available. |
| 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** |
|  | None anticipated. |
| **10.2** | **Chemical stability** |
|  | Stable under the recommended handling and storage conditions. |
| **10.3** | **Possible hazardous reactions** |
|  | Not expected under normal temperature conditions and recommended use. |
| **10.4** | **Conditions to Avoid** |
|  | Avoid storage at high temperatures. |
| **10.5** | **Incompatible materials** |
|  | Avoid contact with strong acids, alkalis and oxidising agents. |
| **10.6** | **Hazardous Decomposition Products** |
|  | Product does not decompose under normal handling.  The thermal decomposition may release/form: carbon monoxide (CO) and carbon dioxide (CO2) |

##### 11. TOXOLOGICAL INFORMATION

|  |  |  |  |
| --- | --- | --- | --- |
| **11.1** | | **Information on toxicological effects** | |
|  | Acute Toxicity | | Not classified. |
|  | Skin corrosion / irritation | | Not classified. |
|  | Serious eye damage / irritation | | Not classified. |
|  | Respiratory or skin sensitisation | | Not classified. |
|  | Germ Cell Mutagenicity | | Not classified. |
|  | Carcinogenicity | | Not classified. |
|  | Reproductive toxicity | | Not classified. |
|  | STOT-single exposure | | Not classified. |
|  | STOT-repeated exposure | | Not classified. |
|  | Aspiration hazard | | Not classified. |
|  | Photo-toxicity | | Not photo-toxic. |
|  | Other Information | | No additional data available. |

##### 12. ECOLOGICAL INFORMATION

|  |  |
| --- | --- |
| **12.1** | **Toxicity** |
|  | Low – none. |
| **12.2** | **Persistence & degradability** |
|  | > 90% (OECD) |
| **12.3** | **Bioaccumulation Potential** |
|  | None. |
| **12.4** | **Mobility in soil** |
|  | Low – none. |
| **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 allow entry into drains or waterways.  **Waste:**  Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.  Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.  Do not contaminate the ground or water with waste. Do not dispose of waste into the environment.  **Soiled packaging:**  Empty container completely. Keep label(s) on container.  Dispose of via a certified disposal contractor. |

##### 14. TRANSPORT INFORMATION

|  |  |  |
| --- | --- | --- |
| **14.1** | **UN number** | |
|  | UN No. Road | Not regulated for transport. |
|  | UN No. SEA | Not regulated for transport. |
|  | UN No. AIR | Not regulated for transport. |
| **14.2** | **UN proper shipping name** | |
|  | Not applicable - The product is not covered by international regulations on the transport of dangerous goods. (IMDG, IATA, ADR/RID). | |
| **14.3** | **Transport hazard class(es)** | |
|  | Not applicable. | |
| **14.4** | **Packing group** | |
|  | Not applicable. | |
| **14.5** | **Environmental hazards** | |
|  | Not an environmentally hazardous substance/marine pollutant. | |
| **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 applicable. | |

##### 15. REGULATORY INFORMATION

|  |  |
| --- | --- |
| **15.1** | **Safety, health and environmental regulations/legislation specific for the substance or mixture** |
|  | No additional information available. |
| **15.2** | **Chemical safety assessment** |
|  | No additional information available. |

##### 16. OTHER INFORMATION

|  |  |
| --- | --- |
| Hazard and/or Precautionary Statements in Full | None. |
| Other Information | None. |
| Revision Date | 15/03/2021 |
| Reason for revision | 03 updated food suitability  02 updated SDS  01 New SDS. |
| Rev No/Repl, SDS Generated | 01 |

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