



The Soap Kitchen (2011) Ltd  
Unit 8, Caddsdwn Industrial Park, Clovelly Road,  
Bideford, Devon, EX39 3DX, United Kingdom



Email: enquiries@thesoapkitchen.co.uk  
Call: +44 (0) 1237 420 872

## MATERIAL SAFETY DATA SHEET

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

| 1.1 Product Identifier  |            |  |           |            |           |
|---|------------|--|-----------|------------|-----------|
| Product Name  |            | Clove Bud Oil.   |           |            |           |
| Biological Definition   |            | Eugenia Caryophyllus Bud Oil is an essential oil steam-distilled from the dried flower buds of the Clove, <i>Syzygium aromaticum</i> , syn. <i>Eugenia caryophyllus</i> , <i>Myrtaceae</i> . |           |            |           |
| INCI Name   |            | Eugenia Caroyphyllus Bud Oil.  |           |            |           |
| Synonyms & Trade Names  |            | -  |           |            |           |
| CAS-No  | 84961-50-2 | EC No.   | 284-638-7 | EINECS No. | 284-638-7 |
| 1.2 Relative identified uses of the substance or mixture and uses advised against |            |  |           |            |           |
| Suitable for use in cosmetics, flavourings and professional use only.             |            |  |           |            |           |
| 1.3 Details of the supplier of the safety data sheet                              |            |  |           |            |           |
| The Soap Kitchen, Caddsdwn Industrial Park, Clovelly Road, Bideford, EX39 3DX     |            |  |           |            |           |
| 1.4 Emergency Tel. No.  |            | + 44 (0) 1237 420872   |           |            |           |

### 02. HAZARDS IDENTIFICATION

| 2.1 Classification of the substance or mixture  |   |
|---|---|
| The full text for all hazard statements displayed in section 16.  |   |
| Classification (EC 1272/2008)   |   |
| Physical hazards:   | Not classified.   |
| Health hazards:   | Eye Irrit. 2 - H319, Skin Sens. 1 - H317, Asp. Tox. 1 - H304                        |
| Environmental hazards:  | Not classified.   |
| 2.2 Label Elements  |   |
| Label in accordance with (EC) No 1272/2008  |   |
| GHS07   | GHS08   |
|    |  |
| Signal Word   | Danger.   |
| Contains  | Eugenol, Beta Caryophyllene.  |
| Hazard Statements   |   |
| H304 May be fatal if swallowed and enters airways.<br>H317 May cause an allergic skin reaction.<br>H319 Causes serious eye irritation.                  |   |
| Precautionary Statements  |   |
| P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.<br>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. |   |

# MATERIAL SAFETY DATA SHEET

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P331 Do NOT induce vomiting.  
P262 Do not get in eyes, on skin, or on clothing.

## Supplementary Precautionary Statements

P261 Avoid breathing vapour/ spray.  
P264 Wash contaminated skin thoroughly after handling.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P321 Specific treatment (see medical advice on this label).  
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P337+P313 If eye irritation persists: Get medical advice/ attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P405 Store locked up.  
P501 Dispose of contents/ container in accordance with national regulations.

## 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

### 3.2 Mixtures

**70 - 90% Eugenol**  
CAS-No: 97-53-0 EC No: 202-589-1  
Classification: Skin Sens. 1 - H317  
Eye Irrit. 2 - H319

**≤ 25% Beta Caryophyllene**  
CAS-No: 87-44-5 EC No: 201-746-1  
Classification: Asp. Tox. 1 - H304  
Skin Sens. 1- H317  
Aquatic Chronic 4- H413

**≤ 12% Eugenyl Acetate**  
CAS-No: 93-28-7 EC No: 202-235-6  
Classification: Acute Tox. 4 -H302

**≤ 0.2% Methyl Eugenol**  
CAS-No: 93-15-2 EC No: 202-223-0  
Classification: Acute Tox. 4 - H302  
Muta. 2 - H341  
Carc. 2 - H351

## 04. FIRST AID MEASURES

### 4.1 Description of first aid measures

# MATERIAL SAFETY DATA SHEET

|  |   |
|--|---|
| Inhalation   | IF INHALED: Remove person to fresh air and keep comfortable for breathing. If in doubt, get medical attention promptly.   |
| Ingestion  | Move affected person to fresh air at once. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention immediately.                            |
| Skin Contact   | Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.                             |
| Eye Contact  | Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention. |
| <b>4.2 Most important symptoms and effects, both acute and delayed</b> |   |
| No additional data available.  |   |

|   |  |
|---|--|
| <b>4.3 Indication of any immediate medical attention and special treatment needed</b> |  |
| Treat symptomatically.  |  |

## 05. FIRE-FIGHTING MEASURES

|   |  |
|---|--|
| <b>5.1 Extinguishing Media</b>  |  |
| Suitable extinguishing media: Extinguish with foam, carbon dioxide, dry powder or water fog.<br>Unsuitable extinguishing media: For safety reasons do not use full water jet.           |  |
| <b>5.2 Special hazards arising from the product</b>   |  |
| Closed containers may build up pressure at elevated temperatures. In case of fire, the following can be released: carbon monoxide (CO), carbon dioxide (CO <sub>2</sub> ), smoke, soot. |  |
| <b>5.3 Advice for firefighters</b>  |  |
| Avoid breathing fire gases or vapours. Use special protective clothing.   |  |

## 06. ACCIDENTAL RELEASE MEASURES

|  |  |
|--|--|
| <b>6.1 Personal precautions, protective equipment and emergency procedures</b>   |  |
| Avoid contact with skin and eyes. Avoid inhalation of vapours. For personal protection, see Section 8. Provide adequate ventilation.   |  |
| <b>6.2 Environmental Precautions</b>   |  |
| Avoid discharge into drains or watercourses or onto the ground.  |  |
| <b>6.3 Methods and material for containment and cleaning up.</b>   |  |
| Cover with inert, inorganic, non-combustible material (e.g dry-lime, sand, soda ash). Place in covered containers and dispose of in accordance with local authority guidelines. Use non sparking tools. Ventilate area and wash spill site after pickup is complete. |  |
| <b>6.4 Reference to other sections</b>   |  |
| For waste disposal, see Section 13.  |  |

## 07. HANDLING AND STORAGE

|  |  |
|--|--|
| <b>7.1 Precautions for safe handling</b> |  |
|--|--|

# MATERIAL SAFETY DATA SHEET

Requirements relating to storage premises apply to all facilities where the substance is handled. Individuals with a history of skin sensitization should not, under any circumstance, handle this substance. Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin and eyes.

## 7.2 Conditions for safe storage, including any incompatibilities

Keep air contact to a minimum. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame.

## 7.3 Specific end use(s)

No additional data available.

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

No additional data available.

### 8.2 Exposure controls

#### Protective Equipment



|                       |  |
|-----------------------|--|
| Process Conditions    | Provide eyewash station.   |
| Engineering Measures  | Ensure adequate ventilation, especially in confined areas.   |
| Respiratory Equipment | Respiratory protection may be required, if ventilation is poor.  |
| Hand Protection       | Wear suitable protective gloves.   |
| Eye Protection        | Avoid contact with eyes. Wear approved safety goggles.   |
| Other Protection      | No additional data available.  |
| Hygiene Measures      | Good personal hygiene practices are always advisable, especially when working with chemicals / oils. Keep away from foodstuffs, beverages and feed.  |
| Personal Protection   | General protective and hygienic measures: Use personal protective equipment depending on concentration and amount of hazardous substance. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with eyes and skin. |
| Skin Protection       | Avoid skin contact.  |

# MATERIAL SAFETY DATA SHEET

|                                 |  |
|---------------------------------|--|
| Environmental Exposure Controls | Avoid discharging into drainage water. Only eliminate by authorised companies. |
|---------------------------------|--|

## 09. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

|                                |   |
|--------------------------------|---|
| Appearance                     | Clear liquid; Pale yellow to light brown. |
| Colour                         | Pale yellow to light brown.               |
| Odour                          | Characteristic.                           |
| Relative Density               | Approx. 1.046 @ 20°C                      |
| Flash Point (°C)               | > 93                                      |
| Refractive Index               | Approx. 1.533 @ 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.                                |
| Auto-ignition temperature (°C) | No additional data available.             |

### 9.2 Other information

No additional data available.

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Presents no significant reactivity hazards. Stable under normal temperature conditions and recommended use.

### 10.2 Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3 Possible hazardous reactions

None known.

### 10.4 Conditions to Avoid

Keep away from heat, sparks and open flame.

### 10.5 Incompatible materials

Avoid: Strong acids. Strong alkalis. Strong oxidising agents. Strong reducing agents.

### 10.6 Hazardous Decomposition Products

The thermal decomposition may release/form: carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>) and unidentified organic compounds.

## 11. TOXOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

## MATERIAL SAFETY DATA SHEET

|                                   |   |
|-----------------------------------|---|
| Acute Toxicity                    | Not classified.   |
| Skin corrosion / irritation       | Not classified.   |
| Serious eye damage / irritation   | Causes serious eye irritation.  |
| Respiratory or skin sensitisation | May cause an allergic skin reaction.  |
| Germ Cell Mutagenicity            | Not classified. However, product contains a substance suspected of causing genetic defects. |
| Carcinogenicity                   | Not classified. However, product contains a substance suspected of causing cancer.          |
| Reproductive toxicity             | Not classified.   |
| STOT-single exposure              | Not classified.   |
| STOT-repeated exposure            | Not classified.   |
| Aspiration hazard                 | May be fatal if swallowed and enters airways.   |
| Photo-toxicity                    | No additional data available.   |
| 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>    |
| No additional data available.                  |
| <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> |
| Not applicable.                                |
| <b>12.6 Other adverse effects</b>              |
| No additional data available.                  |

### 13. DISPOSAL CONSIDERATIONS

|  |
|--|
| <b>13.1 Waste treatment methods</b>  |
| Do not allow entry into drains or waterways.<br>Disposal must be made according to official regulations. Must not be disposed together with household waste. |

### 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. |

# MATERIAL SAFETY DATA SHEET

## 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 for transport.

## 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

No additional data available.

## 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).

#### 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 Statements in Full | H302 Harmful if swallowed.<br>H304 May be fatal if swallowed and enters airways.<br>H317 May cause an allergic skin reaction.<br>H319 Causes serious eye irritation.<br>H341 Suspected of causing genetic defects.<br>H351 Suspected of causing cancer.<br>H413 May cause long lasting harmful effects to aquatic life. |
| Revision Date             | 2/10/2019   |
| Rev No                    | 6   |

# MATERIAL SAFETY DATA SHEET

**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.