





## SAFETY DATA SHEET

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

|                           |            |  |   |           |           |
|---------------------------|------------|--|---|-----------|-----------|
| Product Name              |            | Bergamot Essential Oil TOL 0093        |   |           |           |
| Biological Definition     |            | Blend                                  |   |           |           |
| Inci No                   |            | -                                      |   |           |           |
| Synonyms & Trade names    |            | Bergamot oil, Bergamot essential Oil   |   |           |           |
| Normal use                |            | Cosmetics, Aromatherapy                |   |           |           |
| Reach Registration Number |            | N/A                                    |   |           |           |
| Hs Tariff Code            |            | 33011                                  |   |           |           |
| FEMA No.                  | N/A        | FDA No.                                | 19555298040                                       | Class No. | 3         |
| CAS-No.                   | 89957-91-5 | <b>UN No.</b><br><b>Shipping Name:</b> | <b>1993</b><br><b>Flammable</b><br><b>Liquids</b> | EINEC No. | 289-612-9 |

### 02. HAZARDS IDENTIFICATION

|   |   |
|---|---|
| Classification (1999/45)                    | Xi+F, R10-R36-S02-S16-S26   |
| Classification (EC 1272/2008)               | UN GHS: FL3, H303, H315, H317<br>EC CLP: FL3, H303, H315, H317  |
| Labels in accordance with (EC) No 1272/2008 |     <p>GHS02                  GHS07                  GHS08                  GHS09</p> |
| Signal Word                                 | Danger  |
| Contains                                    | Linalyl acetate, Limonene and Gamma terpinene   |
| Hazard Statements                           | H304 May be fatal if swallowed and enters<br>H315 Causes skin irritation<br>H317 May cause an allergic skin reaction  |
| Precautionary Statements                    | P301/310 IF SWALLOWED: Immediately call poison centre or doctor/ physician<br>P331 Do not induce vomiting<br>P262 Do not get in eye, on skin or clothing<br>P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.<br>P281 Use personal protective equipment as required.<br>P273 Avoid release to the environment.  |

# Essentially Natural

Products with purpose.

The Essentially Natural Domain (Pty) Ltd | Reg. No. 2014/170069/07  
 Unit 14, Duville Business Park, 8 Arum Lily Street, Durbanville, Cape Town, South Africa 7550  
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|                                    |                                   |
|------------------------------------|-----------------------------------|
| Adverse physio-chemical properties | Combustible but not self-ignite   |
| Adverse effects on human health    | Can cause skin and eye irritation |

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

| NAME OF CONSTITUENT: | CAS NO    | EC NO     | %COMPOSITION |
|----------------------|-----------|-----------|--------------|
| GAMMA TERPINENE      | 99-85-4   | 202-794-6 | ±6.809       |
| LINALYL ACETATE      | 115-95-7  | 204-116-4 | ±16.017      |
| LIMONENE             | 5989-27-5 | 227-813-5 | ±46.051      |

### 04. FIRST AID MEASURES

|  |  |
|--|--|
| General Information  | See categories below   |
| Inhaling   | Move into an open-air space  |
| Ingestion  | Wash Mouth with water and obtain medical advice immediately  |
| Skin Contact   | Remove contaminated clothing, Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage. |
| Eye contact  | Flush with plenty amount of water and seek medical advice if necessary.  |
| Most important symptoms and effects, both acute and delayed                | Observe risk of aspiration if vomiting occurs  |
| Indication of any immediate medical attention and special treatment needed | Treat symptomatically  |

### 05. FIRE FIGHTING MEASURES

|                                       |   |
|---------------------------------------|---|
| Extinguishing Media                   | Use CO <sub>2</sub> Dry powder or foam type extinguishers. Do not use direct water jet on burning material  |
| Special Fire Fighting Procedures      | Wear protective clothing, avoid inhaling of vapours   |
| Specific Hazards arising from product | B (Fires of liquids or liquid turning substances). In case of fire toxic fumes like carbon monoxide and carbon dioxide may be liberated. Burning produces heavy smoke |
| Protective Measures in Fire           | Closed containers may build up pressure when exposed to heat and they should be cooled  |

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## 06. ACCIDENTAL RELEASE MEASURES

|                           |  |
|---------------------------|--|
| Personal Precautions      | Maintain good occupational and personal hygiene. Avoid contact with skin. Wear protective clothing as described in Section 8 of this safety data sheet. Give a warning to persons in the hazard area. Remove all sources of ignition. Avoid contact with skin, eyes and clothing. Provide adequate ventilation. Give warning to all persons in hazard area if spillage occurs. |
| Environmental Precautions | Do not discharge directly into drains or soil. Keep away from surface and ground water   |
| Spill Clean Up Methods    | Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations   |

## 07. HANDLING AND STORAGE

|                     |   |
|---------------------|---|
| Usage Precautions   | Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene and do not eat, drink or smoke while handling. |
| Storage Precautions | Store in tight closed original container, in cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to minimum.                                  |

## 08. EXPOSURE CONTROLS/PERSONAL PROTECTION

|                       |  |
|-----------------------|--|
| Protective Equipment  |  |
| Engineering Measures  | Ensure good ventilation of working area  |
| Respiratory Equipment | As required. Avoid breathing product vapour.   |
| Hand Protection       | Avoid all skin contact. Use chemically resistant gloves if required                  |
| Eye Protection        | Use safety glasses   |
| Other Protection      | As required  |
| Hygiene Measures      | Wash hands with soap & water after handling  |

## 09. PHYSICAL AND CHEMICAL PROPERTIES

|            |                                |
|------------|--------------------------------|
| Appearance | Liquid                         |
| Colour     | Pale yellow to greenish colour |
| Odour      | Sweet citrus aroma             |

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|                                       |                                 |
|---------------------------------------|---------------------------------|
| Flash point                           | 57°C                            |
| Relative density                      | 0.876 - 0.881@20°C              |
| Refractive index                      | 1.464 - 1.467 @20°C             |
| Optical rotation                      | +8° - +24°                      |
| Melting point, Ph,<br>vapour pressure | Data not found                  |
| Solubility in water                   | Not soluble. Soluble in Ethanol |

## 10. STABILITY AND REACTIVITY

|                                     |  |
|-------------------------------------|--|
| Reactivity                          | Stable under the recommended handling and storage conditions.  |
| Condition to avoid                  | Temperatures more than room temperature will benefit the transfer from liquid to vapour phase and formation of explosive atmospheres. Storing the product in open containers will benefit the formation of peroxides and derogate the quality. |
| Materials to avoid                  | Avoid contact with strong acids, and oxidising agents  |
| Hazardous<br>Decomposition products | No dangerous decomposition products known.   |
| Chemical Stability                  | Stable under recommended handling and storage conditions   |

## 11. TOXOLOGICAL INFORMATION

|  |   |
|--|---|
| Acute Toxicity                         | Acute oral toxicity<br>Acute dermal toxicity: slightly irritating undiluted |
| Skin irritation & Aspiration<br>hazard | Category 2 under EC 1272/2008   |
| Serious eye damage/<br>irritation      | Potential exists. Wear goggles.   |
| Respiratory or skin<br>sensitisation   | Skin sensitizer Category 1 under EC 1272/2006                               |
| Photo-toxicity                         | Not photo toxic pp 705-706  |

## 12. ECOLOGICAL INFORMATION

|                                  |  |
|----------------------------------|--|
| Ecotoxicity                      | Hazardous to the aquatic environment Chronic hazard category 2 according to EC 1272/2008 |
| Mobility                         | Not determined   |
| Persistence and<br>degradability | Not determined   |
| Bioaccumulation<br>potential     | Not determined   |

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|                |  |
|----------------|--|
| PBT Assessment | Not determined   |
| Precautions    | Avoid discharge into the environment especially into land, waterways and sea |

### 13. DISPOSAL CONSIDERATIONS

|                  |  |
|------------------|--|
| Disposal Methods | Avoid discharge into the environment especially onto land, waterways and sea |
|------------------|--|

### 14. TRANSPORT INFORMATION


|                             |   |
|-----------------------------|---|
| Warning Icon                |  |
| Proper Shipping Name        | Flammable Liquids N.O.S (Contains Limonene and alpha pinene)                      |
| UN No. Road transport (ADR) | UN 1993   |
| Proper shipping name        | Flammable Liquids   |
| Hazardous class             | Class 3   |
| Packaging group             | III   |
| UN No. Sea transport (IMDG) | UN 1993   |
| Proper shipping name        | Flammable Liquids   |
| Hazardous class             | Class 3   |
| Packaging group             | III   |
| UN No. Air transport (IATA) | UN 1993   |
| Proper shipping name        | Flammable Liquids   |
| Hazardous class             | Class 3   |
| Packaging group             | III   |
| EMS                         | F-E, S-D  |
| Hazchem code                | 3YE   |

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|                               |   |
|-------------------------------|---|
| Environmental Hazards         |   |
| Dangerous for the environment | Yes   |
| Marine pollutant              | Yes (Contains alpha pinene and limonene)  |
| Hazard pictogram              |  |

## 15. REGULATORY INFORMATION

|                            |  |
|----------------------------|--|
| Statutory Instruments      | The chemicals (Hazard information and packaging for Supply Regulation 2009 (SI 2009 NO 716)  |
| Approved codes of practice | Classification and labelling of substances and preparations dangerous for supply. Safety data sheet for substance and preparations |

## 16. OTHER INFORMATION

|               |   |
|---------------|---|
| Revision Date | 06/2022   |
| Risk phrases  | H224Flammable liquid and vapour.<br>H304May be fatal if swallowed and enters airways.<br>H317May cause an allergic skin reaction.<br>H410Very toxic to aquatic life with long lasting effects |
| Other         | Complies with REACH guidance for SDS  |

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