



## SAFETY DATA SHEET (SDS)

Prepared in accordance with Regulation (EC) No. 1907/2006, Regulation (EC) No. 1272/2008 and Commission Regulation (EU) 2020/878.

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### SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY

#### 1.1 PRODUCT IDENTIFIER

**Product Name:** Green Patchouli Absolute  
**Botanical Name:** *Pogostemon cablin* (Blanco) Benth.  
**Product Code:** PL-601  
**CAS Number:** 84238-39-1  
**EC/EINECS Number:** 282-493-4  
**FEMA/GRAS Number:** Not assigned

#### 1.2 RELEVANT IDENTIFIED USES AND RESTRICTIONS

**Recommended Use:** Raw material for flavour and fragrance applications.  
**Restrictions on Use:** For manufacturing and professional use only.

#### 1.3 SUPPLIER DETAILS

**Aromology**  
G05 Al Ghazal Building  
Nadd Al Hamar  
Dubai, United Arab Emirates

**Website:** [www.aromology.com](http://www.aromology.com)  
**Email:** [info@aromology.com](mailto:info@aromology.com)  
**Telephone:** +971 505197601

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### SECTION 2: HAZARD IDENTIFICATION

#### 2.1 CLASSIFICATION OF THE SUBSTANCE

Classification according to Regulation (EC) No. 1272/2008:

**Physical Hazards:** Not classified

**Health Hazards:**

- Aspiration Hazard: Category 1
- Skin Sensitisation: Category 1B

**Environmental Hazards:**



- Hazardous to the Aquatic Environment, Chronic: Category 2

## 2.2 LABEL ELEMENTS

**Signal Word:** Danger

**Hazard Pictograms:**

- Health Hazard
- Exclamation Mark
- Environment

## HAZARD STATEMENTS

H304: May be fatal if swallowed and enters airways.

H317: May cause an allergic skin reaction.

H411: Toxic to aquatic life with long-lasting effects.

## PRECAUTIONARY STATEMENTS

P273: Avoid release to the environment.

P301 + P330 + P331: IF SWALLOWED: Rinse mouth. Do not induce vomiting.

P302 + P352: IF ON SKIN: Wash with plenty of water.

P315: Get immediate medical advice or attention.

P362 + P364: Take off contaminated clothing and wash it before reuse.

P391: Collect spillage.

P405: Store locked up.

P501: Dispose of contents and container through a licensed waste-disposal company in accordance with applicable regulations.

## 2.3 OTHER HAZARDS

No other hazards have been identified.

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 SUBSTANCE

| Substance                | Description                                                                                                              | CAS Number | Concentration |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------|------------|---------------|
| Green Patchouli Absolute | Solvent extraction of patchouli leaves and twigs using food-grade solvent, followed by removal of the extraction solvent | 84238-39-1 | 100%          |

### 3.2 ADDITIVE INFORMATION



No carrier or diluent is declared in the manufacturer's source SDS. The material is described as an absolute obtained by solvent extraction followed by removal of the solvent.

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## **SECTION 4: FIRST-AID MEASURES**

### **4.1 DESCRIPTION OF FIRST-AID MEASURES**

#### **General Information:**

Ensure that medical personnel are aware of the material involved and take appropriate precautions to protect themselves. Provide this SDS to the attending medical professional.

#### **Inhalation:**

Move the affected person to fresh air and keep them at rest in a position comfortable for breathing. If breathing is difficult, oxygen may be required. Seek medical attention if symptoms develop or persist.

#### **Skin Contact:**

Immediately remove contaminated clothing. Wash the affected skin thoroughly with soap and water for several minutes. Seek medical attention if irritation or an allergic reaction develops or persists. Wash contaminated clothing before reuse.

#### **Eye Contact:**

Remove contact lenses if present and easy to do. Rinse the eyes cautiously with plenty of water while holding the eyelids open. Seek medical attention if irritation develops or persists.

#### **Ingestion:**

Immediately contact a physician or poison-control centre. Rinse the mouth with water if the person is conscious. Do not induce vomiting. If vomiting occurs naturally, keep the head below the level of the torso to reduce the risk of aspiration into the lungs.

### **4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS**

No specific symptom data are available. Aspiration into the lungs may cause pulmonary oedema and pneumonitis.

### **4.3 IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT**

No specific treatment information is available. Treat symptomatically.

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## **SECTION 5: FIREFIGHTING MEASURES**

### **5.1 EXTINGUISHING MEDIA**

#### **Suitable Extinguishing Media:**

- Water spray or fog
- Carbon dioxide



- Dry chemical powder
- Alcohol-resistant foam

**Unsuitable Extinguishing Media:**

Do not use a solid water stream, as it may scatter and spread the fire.

## 5.2 SPECIFIC HAZARDS

Fire may generate irritating, corrosive or toxic gases.

## 5.3 ADVICE FOR FIREFIGHTERS

Wear appropriate protective firefighting equipment and a self-contained breathing apparatus where necessary. Approach the fire from a safe direction.

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# SECTION 6: ACCIDENTAL RELEASE MEASURES

## 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

- Keep unnecessary personnel away.
- Eliminate all ignition sources.
- Avoid contact with the skin and eyes.
- Avoid breathing vapours.
- Do not touch damaged containers or spilled material without appropriate protective clothing.
- Ventilate enclosed spaces before entering.

## 6.2 ENVIRONMENTAL PRECAUTIONS

Prevent further leakage or spillage where this can be done safely. Do not contaminate water. Avoid release into drains, soil, groundwater or the environment.

Retain and dispose of contaminated washing water appropriately. Notify the relevant local authorities if the material enters drains or the aquatic environment.

## 6.3 CONTAINMENT AND CLEANING METHODS

Eliminate all ignition sources, including smoking, flames, sparks and flares. Stop the flow of material if this can be done without risk.

**Large Spills:**

- Dike the spilled material where possible.
- Cover with a plastic sheet to prevent spreading where appropriate.
- Recover using pumps or suitable inert absorbents.
- Prevent the product from entering drains and groundwater.



- Absorb with vermiculite, dry sand, earth, diatomaceous earth or commercial absorbent material.
- Transfer the recovered material into suitable waste containers.

#### **Small Spills:**

- Wipe up with absorbent material such as cloth or fleece.
- Clean the affected surface thoroughly to remove residual contamination.
- Place contaminated materials into suitable disposal containers.

Do not return spilled material to its original container for reuse. Dispose of the collected material as hazardous waste in accordance with Section 13.

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## **SECTION 7: HANDLING AND STORAGE**

### **7.1 PRECAUTIONS FOR SAFE HANDLING**

- Do not handle near open flames, heat or other ignition sources.
- Ground equipment used for handling the product.
- Take precautions against static discharge.
- Avoid contact with the eyes, skin and clothing.
- Avoid prolonged exposure.
- Avoid breathing vapours.
- Wash thoroughly after handling.
- Wear appropriate personal protective equipment.

### **7.2 CONDITIONS FOR SAFE STORAGE**

Keep containers tightly closed. Handle containers carefully and open slowly to control any possible pressure release.

Store in a cool, dry and well-ventilated area, protected from heat, light, ignition sources and incompatible materials.

### **7.3 SPECIFIC END USES**

No additional information available.

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## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1 CONTROL PARAMETERS**

No occupational exposure limits have been established for the complete product.

### **8.2 EXPOSURE CONTROLS**

**Engineering Controls:**

Provide adequate ventilation. Use explosion-proof ventilation equipment where required.

**Eye and Face Protection:**

Wear safety glasses with side shields or chemical safety goggles.

**Skin and Hand Protection:**

Wear suitable chemical-resistant gloves and protective clothing.

**Respiratory Protection:**

Respiratory protection is not normally required under adequately ventilated conditions. If ventilation is insufficient, use suitable respiratory protection.

**Thermal Protection:**

Wear appropriate thermal protective clothing where necessary.

**General Hygiene Measures:**

Observe good industrial hygiene practices. Wash thoroughly after handling and before eating, drinking or smoking. Routinely clean contaminated work clothing and protective equipment.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 BASIC PHYSICAL AND CHEMICAL PROPERTIES**

| Property                               | Information                                    |
|----------------------------------------|------------------------------------------------|
| Physical State and Appearance          | Dark green, mobile and slightly viscous liquid |
| Odour                                  | Earthy, grounding, woody, minty and musky      |
| Melting Point/Freezing Point           | Not available                                  |
| Boiling Point or Boiling Range         | Not available                                  |
| Flammability                           | Not available                                  |
| Lower and Upper Explosion Limits       | Not available                                  |
| Flash Point                            | 110 °C / 230 °F                                |
| Auto-Ignition Temperature              | Not available                                  |
| Decomposition Temperature              | Not available                                  |
| pH                                     | Not applicable                                 |
| Kinematic Viscosity                    | Not available                                  |
| Solubility                             | Soluble in ethanol; insoluble in water         |
| Partition Coefficient, n-Octanol/Water | Not available                                  |
| Vapour Pressure                        | Not available                                  |
| Relative Vapour Density                | Not available                                  |
| Particle Characteristics               | Not applicable                                 |



## 9.2 OTHER INFORMATION

| Property                  | Specification |
|---------------------------|---------------|
| Refractive Index at 20 °C | 1.4000–1.5170 |
| Specific Gravity at 20 °C | 0.8500–0.9800 |
| Optical Rotation          | Not available |
| Acid Value                | Not available |

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## SECTION 10: STABILITY AND REACTIVITY

### 10.1 REACTIVITY

Stable and non-reactive under normal conditions of use, storage and transport.

### 10.2 CHEMICAL STABILITY

Stable under recommended conditions.

### 10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No dangerous reactions are known under normal conditions of use.

### 10.4 CONDITIONS TO AVOID

Avoid temperatures exceeding the flash point. Avoid heat, flames, sparks, static discharge and contact with incompatible materials.

### 10.5 INCOMPATIBLE MATERIALS

Strong oxidising agents.

### 10.6 HAZARDOUS DECOMPOSITION PRODUCTS

No hazardous decomposition products are expected when stored and handled as recommended. Fire or thermal decomposition may generate irritating or toxic fumes.

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## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

#### Acute Toxicity:

No data available.

#### Skin Corrosion/Irritation:

No data available.

**Serious Eye Damage/Eye Irritation:**

No data available.

**Respiratory Sensitisation:**

No data available.

**Skin Sensitisation:**

The product is classified as Skin Sensitisation Category 1B and may cause an allergic skin reaction.

**Germ Cell Mutagenicity:**

No data are available to indicate that the product or components present above 0.1% are mutagenic or genotoxic.

**Carcinogenicity:**

No data available.

**Reproductive Toxicity:**

The product is not expected to cause reproductive or developmental effects based on the available information.

**Specific Target Organ Toxicity – Single Exposure:**

No data available.

**Specific Target Organ Toxicity – Repeated Exposure:**

No data available.

**Aspiration Hazard:**

May be fatal if swallowed and enters airways.

**11.2 INFORMATION ON OTHER HAZARDS**

The substance has not been evaluated for endocrine-disrupting properties that could potentially affect human health.

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**SECTION 12: ECOLOGICAL INFORMATION****12.1 ECOTOXICITY**

Toxic to aquatic life with long-lasting effects.

**12.2 PERSISTENCE AND DEGRADABILITY**

No data are available concerning the degradability of the product.

**12.3 BIOACCUMULATIVE POTENTIAL**

No data available.





## 12.4 MOBILITY IN SOIL

No data available.

## 12.5 PBT AND vPvB ASSESSMENT

According to Annex XIII of the REACH Regulation, the substance does not contain components regarded as Persistent, Bioaccumulative and Toxic or very Persistent and very Bioaccumulative.

## 12.6 ENDOCRINE-DISRUPTING PROPERTIES

The substance has not been evaluated for endocrine-disrupting properties that could potentially affect the environment.

## 12.7 OTHER ADVERSE EFFECTS

No other adverse environmental effects, including ozone depletion, photochemical ozone creation, endocrine disruption or global-warming potential, are expected based on the available information.

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## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 WASTE-TREATMENT METHODS

Do not discharge the product into drains, sewers, watercourses or onto the ground. Do not contaminate ponds, waterways or ditches.

Dispose of the contents and container in accordance with applicable local, regional, national and international regulations.

#### **Waste from Residues or Unused Product:**

Unused material and residues must be disposed of safely through an authorised waste-disposal facility.

#### **Contaminated Packaging:**

Empty containers or liners may retain product residues. Follow all label warnings after the container has been emptied.

Send empty containers to an approved waste-handling facility for recycling or disposal. Do not reuse contaminated packaging unless it has been professionally cleaned.

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## SECTION 14: TRANSPORT INFORMATION

### 14.1 ROAD AND RAIL TRANSPORT – ADR/RID



UN Number: UN 3082  
Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S.  
Transport Hazard Class: 9  
Packing Group: III  
Environmental Hazard: Yes  
Special Precautions: Refer to Section 7

#### **14.2 AIR TRANSPORT – ICAO/IATA**

UN Number: UN 3082  
Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S.  
Transport Hazard Class: 9  
Packing Group: III  
Environmental Hazard: No, as stated in the source SDS  
Special Precautions: Refer to Section 7

#### **14.3 SEA TRANSPORT – IMDG**

UN Number: UN 3082  
Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S.  
Transport Hazard Class: 9  
Packing Group: III  
Marine Pollutant: Yes  
Special Precautions: Refer to Section 7

#### **14.4 MARITIME TRANSPORT IN BULK**

Not applicable.

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### **SECTION 15: REGULATORY INFORMATION**

#### **15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS**

This SDS has been prepared with reference to:

- Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures
- Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals
- Commission Regulation (EU) 2020/878 amending Annex II of Regulation (EC) No. 1907/2006

The user is responsible for complying with all applicable national, regional and local regulations.

#### **15.2 CHEMICAL SAFETY ASSESSMENT**

No chemical safety assessment information is available.



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## SECTION 16: OTHER INFORMATION

### 16.1 DOCUMENT INFORMATION

**Original Revision Date:** 12 July 2024

**Version:** 02

**Revision Description:** Review and update of the Safety Data Sheet

### ABBREVIATIONS

**ADR:** Agreement Concerning the International Carriage of Dangerous Goods by Road

**CAS:** Chemical Abstracts Service

**CLP:** Classification, Labelling and Packaging Regulation

**EC:** European Community

**EINECS:** European Inventory of Existing Commercial Chemical Substances

**GHS:** Globally Harmonized System of Classification and Labelling of Chemicals

**IATA:** International Air Transport Association

**ICAO:** International Civil Aviation Organization

**IMDG:** International Maritime Dangerous Goods Code

**PBT:** Persistent, Bioaccumulative and Toxic

**REACH:** Registration, Evaluation, Authorisation and Restriction of Chemicals

**SDS:** Safety Data Sheet

**UN:** United Nations

**vPvB:** Very Persistent and Very Bioaccumulative

### 16.2 DISCLAIMER

The information contained in this Safety Data Sheet is based on the manufacturer's current knowledge and is considered accurate at the date of issue. It is intended to describe the product in terms of health, safety and environmental requirements.

No warranty of merchantability, fitness for a particular purpose or other warranty, expressed or implied, is provided. Users must independently determine the suitability of the product and information for their intended application.

This SDS does not constitute a guarantee of any specific product property. The user remains responsible for safe handling and compliance with all applicable legislation.

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**Authorised by:**

Fozia Khot

Director