# Patchouli Essential Oil Bilovit

## SAFETY DATA SHEET

Version 1.0 | Date of first issue: 2026-10-23 | Revision date: 2026-10-23

Prepared in accordance with Regulation (EC) No 1907/2006 (REACH), Annex II as amended by Commission Regulation (EU) 2020/878; classification under Regulation (EC) No 1272/2008 (CLP).

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

| | |
|---|---|
| **Trade name** | Patchouli Essential Oil Bilovit |
| **Substance name** | Patchouli Essential Oil |
| **Botanical name** | Pogostemon Cablin (Blanco) Benth. |
| **INCI name** | Pogostemon Cablin Leaf Oil |
| **EC number** | 692-003-4 |
| **CAS number** | 8014-09-3 |
| **Country of origin** | Indonesia |

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

| | |
|---|---|
| **Relevant identified uses** | Natural fragrance raw material |
| **Uses advised against** | Uses other than those indicated above without prior risk assessment. |

### 1.3. Details of the supplier of the safety data sheet

| | |
|---|---|
| **Supplier** | NMM Sp. z o. o.<br>Bocheńska 3/17, 31-061 Kraków, Poland |
| **Telephone** | +48 12 446 64 97 |
| **E-mail address** | kontakt@medpak.com.pl |

### 1.4. Emergency telephone number

+48 12 446 64 99 – available Monday to Friday, 8:00–16:00 (CET).
Outside office hours: 112 – European emergency number (available 24/7).

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**

| | |
|---|---|
| **H304** | Aspiration hazard, Category 1 |
| **H317** | Skin sensitisation, Category 1 |
| **H411** | Hazardous to the aquatic environment - Chronic hazard, Category 2 |

### 2.2. Label elements

**Hazard pictograms:**

GHS07 – Exclamation mark

GHS08 – Health hazard

GHS09 – Environment

**Signal word:** Danger

**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:**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331 Do NOT induce vomiting.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

### 2.3. Other hazards

The substance does not meet the criteria for PBT or vPvB according to Annex XIII of REACH. Based on available data, the substance has not been identified as having endocrine disrupting properties.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

| Name | Identifiers | Concentration | Classification under (EC) 1272/2008 |
|---|---|---|---|
| Patchouli Essential Oil | CAS: 8014-09-3<br>EC: 692-003-4 | 100 % | Asp. Tox. 1, H304<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411 |

### 3.2. Mixtures

Not applicable

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

| | |
|---|---|
| **General** | Immediately call a POISON CENTER/doctor. Never give anything by mouth to an unconscious person. |
| **Following inhalation** | Remove the affected person to fresh air and keep at rest in a position comfortable for breathing. |
| **Following skin contact** | Remove contaminated clothing. Wash skin with plenty of water. If skin irritation or rash occurs, get medical advice/attention. |
| **Following eye contact** | In case of contact, rinse eyes cautiously with water. |
| **Following ingestion** | Rinse mouth with water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting (risk of aspiration). |

### 4.2. Most important symptoms and effects, both acute and delayed

| | |
|---|---|
| **Skin** | May cause an allergic skin reaction. |
| **Ingestion** | Risk of aspiration pneumonia / pulmonary oedema after aspiration. |

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

| | |
|---|---|
| **Suitable extinguishing media** | Foam. Dry powder. Carbon dioxide ($CO_2$). |
| **Unsuitable extinguishing media** | Direct water jet. |

### 5.2. Special hazards arising from the substance or mixture

Toxic fumes may be formed.

### 5.3. Advice for firefighters

Do not attempt to take action without suitable protective equipment, self-contained breathing apparatus and full protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

| | |
|---|---|
| **Emergency procedures** | Ventilate the spillage area. Avoid contact with skin and eyes. Avoid breathing vapours/mist/spray. |
| **Protective equipment** | Do not attempt to take action without suitable protective equipment. For further information refer to section 8 "Exposure controls / personal protection". |

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Absorb the liquid with an absorbent and transfer to a suitable container. Notify the relevant authorities if the product enters sewers or watercourses.

### 6.4. Reference to other sections

For further information on waste disposal refer to section 13 "Disposal considerations".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

| | |
|---|---|
| **Precautions** | Ensure adequate ventilation of the workplace. Keep away from heat. Use personal protective equipment. Avoid contact with skin and eyes. Avoid breathing vapours/mist/spray. |
| **Hygiene measures** | Wash work clothing before reuse. It must not be used outside the workplace. Do not eat, drink or smoke when handling the substance. Always wash hands after handling the substance. |

### 7.2. Conditions for safe storage, including any incompatibilities

| | |
|---|---|
| **Storage conditions** | Store tightly closed in a well-ventilated place away from heat sources. Keep cool. |
| **Technical measures** | Keep away from ignition sources. No smoking. |

### 7.3. Specific end use(s)

No additional information

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| | |
|---|---|
| **8.1.1. Occupational exposure limits** | No occupational exposure limit values (MAC/STEL/Ceiling – NDS/NDSCh/NDSP) have been established for the substance or its constituents under Polish regulations (Journal of Laws 2018, item 1286, as amended).<br>Biological limit values: Not established.<br>Recommended monitoring procedures: EN 689 (inhalation exposure assessment), EN 482 (requirements for measurement procedures). |

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| **8.1.2. DNEL / PNEC** | Not applicable – no chemical safety assessment has been carried out. |

### 8.2. Exposure controls

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|---|---|
| **Engineering controls** | Effective general/local ventilation; avoid aerosols, mists and excessive vapour emission. |
| **Eye protection** | Safety glasses to EN 166; a face shield where there is a splash risk. |
| **Hand protection** | Chemically resistant gloves to EN ISO 374; nitrile or neoprene recommended; breakthrough time per the glove manufacturer's data. |
| **Skin protection** | Work clothing; a chemically resistant protective apron where there is a spill risk. |
| **Respiratory protection** | Usually not required with good ventilation; for vapours a type A filter, for aerosols A/P2 or A/P3 in accordance with EN 14387. |
| **Hygiene** | Wash hands after work; do not eat/drink/smoke; remove contaminated clothing. |
| **Environment** | Do not allow entry to drains, water or soil; protect drains in the event of a spill. |

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

| | |
|---|---|
| **Physical state** | Liquid |
| **Colour** | Yellow to reddish brown |
| **Odour** | Leafy, humic, clinging |
| **Melting point/freezing point** | No data available |
| **Boiling point or initial boiling point and boiling range** | No data available |
| **Flammability** | Not classified as a flammable substance |
| **Lower and upper explosion limit** | No data available |
| **Flash point** | 110 °C |
| **Auto-ignition temperature** | No data available |
| **Decomposition temperature** | No data available |
| **pH** | No data available |
| **Kinematic viscosity** | 25 - 50 $mm^2/s$ (40 °C) |
| **Solubility** | Insoluble in water |
| **Partition coefficient n-octanol/water** | No data available |
| **Vapour pressure** | 0.01 - 0.03 hPa (20 °C) |
| **Density or relative density** | 0.952 - 0.975 $g/cm^3$ (20 °C) |
| **Relative vapour density** | No data available |
| **Particle characteristics** | No data available |

### 9.2. Other information

| | |
|---|---|
| **Refractive index** | 1.505 - 1.515 (20 °C) |
| **Optical activity** | -60° to -40° |

## SECTION 10: Stability and reactivity

| | |
|---|---|
| **10.1. Reactivity** | The product shows no particular reactivity under normal conditions of use and storage. |

| | |
|---|---|
| **10.2. Chemical stability** | Stable under normal conditions. |

| | |
|---|---|
| **10.3. Possibility of hazardous reactions** | None under normal conditions of use. |

| | |
|---|---|
| **10.4. Conditions to avoid** | Avoid high temperature, open flames, sparks, ignition sources, direct sunlight, prolonged contact with air and conditions favouring oxidation of the product. |

| | |
|---|---|
| **10.5. Incompatible materials** | Strong oxidisers, strong acids, strong bases and materials reactive with organic substances. |

| | |
|---|---|
| **10.6. Hazardous decomposition products** | Under normal conditions of storage and use, no hazardous decomposition products are formed. During fire or thermal decomposition, carbon oxides (CO, $CO_2$) and irritating vapours may be released, among others. |

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

| | |
|---|---|
| **Acute toxicity (oral)** | No data available to allow classification. |
| **Acute toxicity (dermal)** | No data available to allow classification. |
| **Acute toxicity (inhalation)** | No data available to allow classification. |
| **Skin corrosion/irritation** | No data available to allow classification. |
| **Serious eye damage/eye irritation** | No data available to allow classification. |
| **Respiratory or skin sensitisation** | May cause an allergic skin reaction. |
| **Germ cell mutagenicity** | No data available to allow classification. |
| **Carcinogenicity** | No data available to allow classification. |
| **Reproductive toxicity** | No data available to allow classification. |
| **STOT - single exposure** | No data available to allow classification. |
| **STOT - repeated exposure** | No data available to allow classification. |
| **Aspiration hazard** | May be fatal if swallowed and enters airways. |

### 11.2. Information on other hazards

Based on available data, the substance has not been identified as having endocrine disrupting properties with regard to human health.

## SECTION 12: Ecological information

### 12.1. Toxicity

| | |
|---|---|
| **Acute aquatic toxicity** | Based on available data, the classification criteria are not met. |
| **Chronic aquatic toxicity** | Toxic to aquatic life with long lasting effects. |

### 12.2. Persistence and degradability

No additional information

### 12.3. Bioaccumulative potential

No additional information

### 12.4. Mobility in soil

No additional information

### 12.5. Results of PBT and vPvB assessment

The substance does not meet the criteria for PBT or vPvB according to Annex XIII of REACH (based on available data).

### 12.6. Endocrine disrupting properties

Based on available data, the substance has not been identified as having endocrine disrupting properties with regard to the environment.

### 12.7. Other adverse effects

No additional information.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

| | |
|---|---|
| **Waste treatment methods** | Hand over product waste and contaminated packaging to an authorised waste collector. Do not dispose of the product into sewers, surface waters or soil. Comply with applicable local, national and EU waste management regulations. |
| **Additional information** | Emptied packaging may contain product residues and vapours; handle it with care. |

## SECTION 14: Transport information

| | ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|---|
| **14.1. UN number** | UN 3082 | UN 3082 | UN 3082 | UN 3082 | UN 3082 |
| **14.2. UN proper shipping name** | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| **14.3. Transport hazard class(es)** | 9 | 9 | 9 | 9 | 9 |
| **14.4. Packing group** | - | - | - | - | - |
| **14.5. Environmental hazards** | Yes – environmentally hazardous substance | Yes – marine pollutant | Yes – environmental hazard | Yes – environmentally hazardous substance | Yes – environmentally hazardous substance |

### 14.6. Special precautions for user

Not specified. See sections 7 and 8.

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

• Patchouli Essential Oil is not listed in: REACH Candidate List (SVHC).

• Patchouli Essential Oil is not listed in: Annex XIV to REACH (Authorisation List).

• Patchouli Essential Oil is not listed in: Regulation (EU) No 649/2012 (PIC), Annex I.

• Patchouli Essential Oil is not listed in: Regulation (EU) 2019/1021 on persistent organic pollutants (POPs), Annex I.

• Regulation (EC) No 1907/2006 (REACH), Annex XVII, entry 3 – the substance meets the criteria; not to be used in ornamental articles intended to produce light or colour effects by means of different phases, in tricks and jokes, or in games for one or more participants.

• Directive 2012/18/EU of the European Parliament and of the Council (Seveso III), Annex I Part 1 – hazard category: E2.

• Regulation of the Minister of Development of 29 January 2016 on the types and quantities of hazardous substances present in an establishment that determine its classification as a lower-tier or upper-tier establishment (Journal of Laws 2016 item 138).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

**Abbreviations and acronyms:**

| | |
|---|---|
| **Asp. Tox. 1** | Aspiration hazard, Category 1 |
| **Skin Sens. 1** | Skin sensitisation, Category 1 |
| **Aquatic Chronic 2** | Hazardous to the aquatic environment - Chronic hazard, Category |

| | |
|---|---|
| | 2 |

**Full text of H-statements used in the SDS:**

| | |
|---|---|
| **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. |

**Legal basis for the SDS and sources of data:**

**EU legislation:**

• Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH), as amended.

• Commission Regulation (EU) 2020/878 amending Annex II to the REACH Regulation.

• Regulation (EC) No 1272/2008 of the European Parliament and of the Council (CLP), as amended.

• Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

• Directive 2008/98/EC of the European Parliament and of the Council on waste.

• European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), RID Regulations, ADN Agreement, IMDG Code, IATA-DGR – as currently in force.

**Polish legislation:**

• Act of 25 February 2011 on chemical substances and their mixtures (Journal of Laws 2011 No 63 item 322, as amended).

• Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on maximum admissible concentrations and intensities of agents harmful to health in the working environment (Journal of Laws 2018 item 1286, as amended).

• Regulation of the Minister of Health of 30 December 2004 on occupational health and safety related to the presence of chemical agents in the workplace (Journal of Laws 2005 No 11 item 86, as amended).

• Regulation of the Minister of Health of 2 February 2011 on testing and measurement of agents harmful to health in the working environment (Journal of Laws 2011 No 33 item 166, as amended).

• Act of 19 August 2011 on the transport of dangerous goods (Journal of Laws 2011 No 227 item 1367, as amended).

• Act of 14 December 2012 on waste (Journal of Laws 2013 item 21, as amended).

• Regulation of the Minister of Climate of 2 January 2020 on the waste catalogue (Journal of Laws 2020 item 10).

• Act of 13 June 2013 on packaging and packaging waste management (Journal of Laws 2013 item 888, as amended).

**Sources of data:**

• Classification and Labelling Inventory (C&L Inventory), European Chemicals Agency (ECHA).

• Technical documentation and specification of the substance supplier.

**Revision history:**

| Version | Date | Changes |
|---|---|---|
| 1.0 | 2026-10-23 | First issue of the safety data sheet. |

**Classification method:**

Classification based on notifications to the Classification and Labelling Inventory (C&L Inventory, ECHA) and on data from the substance supplier.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should therefore not be construed as guaranteeing any specific property of the product.