



## SAFETY DATA SHEET

### SOYALUNA SOY BLEND MELT/PILLAR WAX

According to Regulation (EC) No 1907/2006 (REACH), Annex II, as amended by Regulation (EU) 2020/878

**NOTE:** This mixture is not classified as hazardous under Regulation (EC) No 1272/2008 (CLP). An SDS is therefore not mandatory under REACH Article 31(1); this document is provided voluntarily to give users the information required by REACH Article 32 and to support safe handling and the labelling of finished candles.

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

### 1.1 Product identifier

|              |                                                                              |
|--------------|------------------------------------------------------------------------------|
| Product form | Mixture                                                                      |
| Trade name   | SOYALUNA SOY BLEND MELT/PILLAR WAX                                           |
| Description  | Mixture of partially hydrogenated vegetable oil (soy) and hydrocarbon waxes. |
| UFI          | Not required (mixture not classified as hazardous)                           |

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

|                      |                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------|
| Identified uses      | Candle wax for the manufacture of poured candles. Pillar and mould candles, votives and wax melts. |
| Uses advised against | Not for food, cosmetic or medicinal use. Do not heat above the recommended working temperatures.   |

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

|         |                                                              |
|---------|--------------------------------------------------------------|
| Company | VEGTEAM, Lda. — Eco Candle Project                           |
| Address | R. Quinta de Santa Marta, Lojas EF, 1495-171 Algés, Portugal |
| E-mail  | info@ecocandleproject.com                                    |
| Website | www.ecocandleproject.com                                     |

### 1.4 Emergency telephone number

|                  |                                                                  |
|------------------|------------------------------------------------------------------|
| Emergency number | CIAV — Poison Information Centre (INEM): +351 800 250 250 (24 h) |
|------------------|------------------------------------------------------------------|

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

|                      |                                                                                                               |
|----------------------|---------------------------------------------------------------------------------------------------------------|
| Classification (CLP) | Not classified. The mixture does not meet the criteria for classification under Regulation (EC) No 1272/2008. |
|----------------------|---------------------------------------------------------------------------------------------------------------|

### 2.2 Label elements

|                          |      |
|--------------------------|------|
| Hazard pictograms        | None |
| Signal word              | None |
| Hazard statements        | None |
| Precautionary statements | None |

### 2.3 Other hazards

- The mixture does not meet the criteria for PBT or vPvB.
- Contains no substances identified as having endocrine-disrupting properties at  $\geq 0.1\%$ .
- Molten product can cause thermal burns.
- Solidified spills make floors slippery.

## SECTION 3: Composition/information on ingredients



### 3.2 Mixtures

Mixture of partially hydrogenated vegetable oil (soy) and hydrocarbon waxes.

| Component                            | CAS       | % (w/w) | Classification (CLP) |
|--------------------------------------|-----------|---------|----------------------|
| Soybean oil, partially hydrogenated  | 8016-70-4 | 60 – 85 | Not classified       |
| Paraffin and other hydrocarbon waxes | 8002-74-2 | 15 – 40 | Not classified       |

No components are present which, to the current knowledge of the supplier, are classified and contribute to the classification of the mixture, or have a Union workplace exposure limit, requiring reporting in this section.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

|                     |                                                                                                                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | Inhalation is unlikely at normal working temperatures (low volatility). If fumes from overheated product cause discomfort, move to fresh air. Seek medical advice if symptoms persist.                             |
| <b>Skin contact</b> | Solid: wash with soap and water. Molten product: cool the affected area immediately with plenty of cold water; do not remove wax stuck to the skin; seek medical attention for burns. Do not use organic solvents. |
| <b>Eye contact</b>  | Rinse with clean water for 20–30 minutes, holding the eyelids open. If molten product enters the eye or pain persists, seek medical attention.                                                                     |
| <b>Ingestion</b>    | Unlikely given the solid form. Rinse mouth with water. If discomfort occurs, contact CIAV (800 250 250) or a doctor.                                                                                               |

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

Molten product causes thermal burns. Inhalation of large quantities of fumes from overheated product may irritate the upper respiratory tract.

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

Treat symptomatically. Treat burns as thermal burns. If problems persist, consult a doctor and show this sheet or the label.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

|                   |                                                                                                                         |
|-------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable</b>   | Dry chemical powder, foam, carbon dioxide (CO <sub>2</sub> ). Sand or earth for small fires.                            |
| <b>Unsuitable</b> | Do not use water, especially a water jet, on burning molten wax — risk of violent spattering and spreading of the fire. |

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

At high temperature, vapours heavier than air may be released and spread at ground level, where they may ignite on contact with an ignition source. Burning product may float on water. Combustion produces carbon monoxide (CO), carbon dioxide and smoke.

### 5.3 Advice for firefighters

Only trained personnel should fight the fire. Wear self-contained breathing apparatus and full protective clothing in the danger zone.

## SECTION 6: Accidental release measures

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

Avoid contact with molten product. Keep unprotected persons away. Solidified product makes surfaces slippery. Emergency responders: heat-resistant gloves (e.g. nitrile, NBR), protective clothing and non-slip footwear.

### 6.2 Environmental precautions

Do not allow molten product to enter drains or sewers — it solidifies and may block them.

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



Allow molten spills to cool and solidify, then scrape up mechanically and place in a labelled container for reuse or disposal (Section 13).

#### 6.4 Reference to other sections

See Sections 7, 8 and 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Melt in a thermostatically controlled melter or double boiler; never leave melting wax unattended.
- Do not heat above the manufacturer's working range (typically  $\leq 85^{\circ}\text{C}$ ) and keep well below the flash point.
- Keep away from open flames and sparks. Ensure good ventilation of the work area.
- Avoid contact of molten product with skin and eyes; wear safety glasses and heat-resistant gloves.
- Do not eat, drink or smoke while working. Wash hands after use.

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

Store in the original closed, labelled packaging in a cool, dry, ventilated place, preferably between  $10^{\circ}\text{C}$  and  $30^{\circ}\text{C}$ , away from heat sources, direct sunlight and strong oxidising agents. Protect from moisture and contamination. No smoking or open flames in the storage area.

### 7.3 Specific end use(s)

Manufacture of candles. Pillar and mould candles, votives and wax melts.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

| Component         | Source    | Limit value (8 h TWA) |
|-------------------|-----------|-----------------------|
| Paraffin wax fume | ACGIH TLV | 2 mg/m <sup>3</sup>   |

Applies to fumes generated when the product is heated; no limit values apply to the solid product.

### 8.2 Exposure controls

|                        |                                                                                                                                                |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Engineering controls   | Good general ventilation; local exhaust if the product is heated for long periods. An eyewash facility should be available.                    |
| Eye/face protection    | Safety glasses or goggles when handling molten product (EN 166).                                                                               |
| Hand protection        | Heat-resistant gloves for molten product; impervious gloves (EN ISO 374) for prolonged contact. PVC or nitrile is suitable for casual contact. |
| Skin/body protection   | Normal work clothing; change heavily contaminated clothing.                                                                                    |
| Respiratory protection | Not normally required. Avoid inhaling fumes from overheated product.                                                                           |
| Environmental exposure | See Sections 6, 7, 12 and 13.                                                                                                                  |

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|                             |                                                 |
|-----------------------------|-------------------------------------------------|
| Physical state              | Solid (pellets or slabs) at ambient temperature |
| Colour                      | Pale yellow to white                            |
| Odour                       | Characteristic, faint                           |
| Melting point               | $52 - 57^{\circ}\text{C}$                       |
| Boiling point               | Not applicable                                  |
| Flammability                | Combustible solid; not classified as flammable  |
| Lower/upper explosion limit | Not determined                                  |
| Flash point                 | $> 250^{\circ}\text{C}$                         |



|                                              |                                                     |
|----------------------------------------------|-----------------------------------------------------|
| <b>Auto-ignition temperature</b>             | Not determined                                      |
| <b>Decomposition temperature</b>             | Does not decompose at ambient temperature           |
| <b>pH</b>                                    | Not applicable (solid, insoluble in water); neutral |
| <b>Kinematic viscosity (100 °C)</b>          | ~ 6.7 cSt                                           |
| <b>Solubility in water</b>                   | Negligible                                          |
| <b>Partition coefficient n-octanol/water</b> | Not determined                                      |
| <b>Vapour pressure</b>                       | Negligible                                          |
| <b>Relative density (water = 1)</b>          | 0.621 – 0.865                                       |
| <b>Relative vapour density</b>               | Not applicable                                      |
| <b>Particle characteristics</b>              | Pellets/slabs — not a powder                        |

## 9.2 Other information

Not reactive with water. No other relevant information.

## SECTION 10: Stability and reactivity

|                                                |                                                                                                                      |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>10.1 Reactivity</b>                         | Not reactive under normal conditions of storage and use.                                                             |
| <b>10.2 Chemical stability</b>                 | Stable under normal conditions of storage and use.                                                                   |
| <b>10.3 Possibility of hazardous reactions</b> | None expected.                                                                                                       |
| <b>10.4 Conditions to avoid</b>                | Excessive heat, overheating, open flames and ignition sources.                                                       |
| <b>10.5 Incompatible materials</b>             | Strong oxidising agents.                                                                                             |
| <b>10.6 Hazardous decomposition products</b>   | None at ambient temperature. Overheating or combustion: carbon monoxide, carbon dioxide, smoke and irritating fumes. |

## SECTION 11: Toxicological information

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

|                                          |                                                                   |
|------------------------------------------|-------------------------------------------------------------------|
| <b>Acute toxicity</b>                    | Based on available data, the classification criteria are not met. |
| <b>Skin corrosion/irritation</b>         | Based on available data, the classification criteria are not met. |
| <b>Serious eye damage/irritation</b>     | Based on available data, the classification criteria are not met. |
| <b>Respiratory or skin sensitisation</b> | Based on available data, the classification criteria are not met. |
| <b>Germ cell mutagenicity</b>            | Based on available data, the classification criteria are not met. |
| <b>Carcinogenicity</b>                   | Based on available data, the classification criteria are not met. |
| <b>Reproductive toxicity</b>             | Based on available data, the classification criteria are not met. |
| <b>STOT — single exposure</b>            | Based on available data, the classification criteria are not met. |
| <b>STOT — repeated exposure</b>          | Based on available data, the classification criteria are not met. |
| <b>Aspiration hazard</b>                 | Based on available data, the classification criteria are not met. |

No specific toxicological test data are available for the mixture. The components are of low toxicity and are widely used in consumer candles.

### 11.2 Information on other hazards

Endocrine-disrupting properties: none known.

**SECTION 12: Ecological information**

|                                                |                                                                                                    |
|------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <b>12.1 Toxicity</b>                           | Not classified as hazardous to the aquatic environment. No test data available for the mixture.    |
| <b>12.2 Persistence and degradability</b>      | The vegetable component is expected to be readily biodegradable; hydrocarbon waxes degrade slowly. |
| <b>12.3 Bioaccumulative potential</b>          | Not expected to bioaccumulate significantly.                                                       |
| <b>12.4 Mobility in soil</b>                   | Low — solid, insoluble in water.                                                                   |
| <b>12.5 Results of PBT and vPvB assessment</b> | Does not meet the PBT/vPvB criteria.                                                               |
| <b>12.6 Endocrine-disrupting properties</b>    | None known.                                                                                        |
| <b>12.7 Other adverse effects</b>              | Molten product may block drains (Section 6.2).                                                     |

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

Reuse clean wax where possible. Otherwise dispose of via an authorised waste operator or by controlled incineration, in accordance with Directive 2008/98/EC and national/local regulations. Do not discharge into drains. The European Waste Catalogue code (Decision 2000/532/EC) should be assigned by the waste producer according to the activity that generated the waste. Clean, empty packaging may be recycled.

**SECTION 14: Transport information**

Not classified as dangerous goods for transport (ADR/RID, ADN, IMDG, IATA).

|                                                          |                |
|----------------------------------------------------------|----------------|
| <b>14.1 UN number or ID number</b>                       | Not regulated  |
| <b>14.2 UN proper shipping name</b>                      | Not regulated  |
| <b>14.3 Transport hazard class(es)</b>                   | Not regulated  |
| <b>14.4 Packing group</b>                                | Not regulated  |
| <b>14.5 Environmental hazards</b>                        | None           |
| <b>14.6 Special precautions for user</b>                 | None           |
| <b>14.7 Maritime transport in bulk (IMO instruments)</b> | Not applicable |

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- Regulation (EC) No 1907/2006 (REACH), as amended by Regulation (EU) 2020/878
- Regulation (EC) No 1272/2008 (CLP)
- REACH Annex XVII restrictions: none applicable. Not on the Candidate List of SVHC.
- Directive 2012/18/EU (Seveso III): not applicable.
- Finished candles: Regulation (EU) 2023/988 (GPSR); EN 15494 (candle safety labelling); EN 15426 (sooting behaviour); EN 15493 (fire safety). If fragrances are added, the finished candle's CLP classification and labelling must be determined by its maker.

**15.2 Chemical safety assessment**

No chemical safety assessment has been carried out for this mixture.

**SECTION 16: Other information**

|                             |                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issue date / version</b> | 26/10/2026 · Version 1.0                                                                                                                                                                                                                                                                                                                                        |
| <b>Revision</b>             | First issue by VEGTEAM, Lda., prepared from the manufacturer's safety data sheet (2025) and updated to the format of Regulation (EU) 2020/878.                                                                                                                                                                                                                  |
| <b>Abbreviations</b>        | CLP: Classification, Labelling and Packaging · REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals · PBT/vPvB: persistent, bioaccumulative and toxic / very persistent and very bioaccumulative · TWA: time-weighted average · ACGIH TLV: threshold limit value · STOT: specific target organ toxicity · UFI: unique formula identifier |

The information in this sheet is based on our present knowledge and on the manufacturer's data, and describes the product with regard to safety requirements only. It does not constitute a guarantee of product properties or a specification. Where the wax is used as a component in another formulated product (e.g. with fragrances or dyes), this sheet may not be applicable to that product. Users are responsible for determining suitability for their purpose and for complying with applicable legislation.