

# AGLAIA Nature Oil *solvent free*

**Solvent-free oil for surface finishing of parquet, wood furniture, and bamboo**

## 1. Product properties

Natural plant-based oil preparation for professional oil treatment of wood surfaces in interior applications. Impregnates and effectively protects floors, visible wood surfaces, and furniture fronts against wetness, abrasion, and dirt. Processed efficiently in a single step. Ideal for bamboo. Open-pored, water-repellent, and colorless; can also be used as a tinted glaze with AGLAIA Color oil in 23 attractive wood hues. Do not use for outdoor applications.

### 1.1. Composition

- Mixture of plant-based oils, dryers
- Free of synthetic resins and softeners
- Solvent-free, low VOC and emissions
- "Glassy recipe": see AGLAIA full declaration

### 1.2. Technical properties

#### 1.2.1. Overview

- Used for interior applications
- Subtle natural, tactile-friendly smooth surface
- Water-repellent, resistant to staining, foot traffic, and abrasion
- Anti-static, low-maintenance
- Diffusion-capable and moisture-regulating
- Processed efficiently and professionally in a single step
- Highly-yielding, low consumption

#### 1.2.2. Important construction characteristic values

Parameter	Value	Conformity
Density 20°C:	approx. 0.93 kg / L	
Viscosity 20°C:	> 30 s	DIN 53211
Flashpoint:	approx. 200 °C	DIN 53213
Solids concentration:	100 %	
VOC content (max.):	0 g / L	ChemVOCFarbV, cat. A / g

#### 1.2.3. Color hue

- Colorless transparent with natural intrinsic coloration. AGLAIA Nature oil *solvent-free* can also be tinted with AGLAIA color oil in 23 color nuances; the color oils can also be mixed with each other. Usually, one 0.125 L can of AGLAIA Color oil is mixed into 1 L of AGLAIA Nature oil *solvent-free*.

## 2. Processing

### 2.1. Substrate requirements

- The substrate must be clean, dry, solid, and have good adhesion. It must also be free of efflorescent, discoloring, adhesion-inhibiting substances and/or drying-inhibitors.

### 2.2. Abbreviated information for standard application

- Professionally install and prepare parquet, bamboo, or wood surfaces (finish smooth sanding, dust removal, etc.).
- Process AGLAIA Nature oil *solvent free* efficiently in a single step. Use an electric floor polisher for large surface applications. Apply a thin coat - allow to cure for approx. 20 minutes - rub dry with pad or ball rag - done!

### 2.3. Substrate and pretreatment

- **Parquet, bamboo, view wood (solid wood, engineered wood) for furniture fronts, shelves, casings, etc.:**  
Install parquet professionally, finish sand with floor buffing machine, approx. 120 grain, multi-pad machine, approx. 80 grain. Finish sand absorbent, bare, or non-filming impregnated wood. Completely sand off or replace soft and grayed over wood. Maximum wood moisture content: coniferous wood: 15%, hard wood: 12%. Thoroughly wash off grease, resin and wax with AGLAIA Balsam lacquer thinner. In hot temperatures, resin-rich wood tends to exhibit resin flow. Due to potential incompatibility, test tannin-rich woods and tropical woods; observe supplier instructions. Wash off tropical woods with AGLAIA Balsam lacquer thinner, allow to dry, then test surface with AGLAIA Nature oil *solvent-free* and check for drying and thorough curing. On engineered woods, verify compatibility and corresponding coating guidelines from supplier, test. Avoid excess material in joints, cracks, and cavities (OSB) as these cause tackiness and odors. Sand off old coats down to bare wood. Due to residual odors, do not treat cabinet interiors and drawers with oil-based products - only coat with AGLAIA Rapid wood primer W.
- **Unsuited substrates** include areas exposed to weather and areas with extended exposure to wetness, dirt, or mechanical wear. Test tropical woods, etc.

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## 2.3.1. Care and maintenance

For open-pored oil treatments, take into account the delayed drying and reduced surface hardness in comparison to conventional parquet seals and furniture varnishes. Treat newly oiled surfaces with care. For regular floor care, add AGLAIA Self-glossy wax to the wiping water. Observe the *AGLAIA care instructions for oiled floors*; these are a contractual element pursuant to VOB DIN 18356 or 18367. Worn surfaces can be retreated at any time after a thorough cleaning and surface sanding.

## 2.4. Processing instructions

### 2.4.1. General instructions

- Verify substrate suitability. Note absorption capacity, strength, and texture of the relevant substrate. Test demanding and critical surfaces. Ensure qualified processing. Provide for smooth processing. Supply personal protective gear.
- Untreated surfaces must be carefully covered and protected against splashes.
- Before use, thoroughly stir AGLAIA Nature oil *solvent free*. Use undiluted, only on very hard, low-absorbing wood and bamboo; dilute with max. 10% AGLAIA Balsam lacquer thinner.
- Treat self-contained surfaces exclusively with containers from the same manufacturing batch.
- For tinted AGLAIA Nature oil *solvent free*, mix in 1 - 0.125 L can of AGLAIA color oil to 1 L Nature oil *solvent free*. Maximum addition: 0.25 l to 1 L Nature oil *solvent free*. Before use, thoroughly mix tinted oils and process evenly.
- Do not process on wet, cooled down, or heated up surfaces. Minimum processing temperature: +10°C, maximum rel. humidity: 80 %. Allow to dry by providing airflow (airflow bursts) and heat (room temperature, 23 °C, 65% rel. humidity). Do not allow rooms to cool down. Protect new coats against wetness, dirt, and dust.
- Drying time: in normal climate, walkable with care after approx. 24 - 48 hours. Wait at least 1 - 2 weeks before unrestricted usability, including cleaning with damp film; plan extended drying time in unfavorable conditions.

### 2.4.2. Processing

Professionally processed in 3 steps:

- **Step 1:** Apply a thin to very thin coat of AGLAIA Nature oil *solvent free* with pad, flat brush, whitewash brush, sealer brush, or short-pile roller, covering the entire surface area.
- **Step2:** allow the oil coat to penetrate for approx. 20 minutes. Use a slightly scuffing pad to occasionally spread and massage in over the entire surface. Saturate highly-absorbent areas with additional oil.
- **Step 3:** Rub surface dry. Collect all excess oil over the entire surface with an absorbent, clean pad, wiper, or ball rag; do not leave any excess, including in joints, along edges, and on trim. Regularly replace soaked pads and rags with new ones. After the collection step, the surface must be evenly saturated but dry to the touch. Excess, even on the surface or in joints, pockets, etc. result in tackiness, odor, and a visually non-uniform finish.

## 3. Yield and container sizes

Consumption depends on substrate and processing and is approx. 25 – 33 ml per m<sup>2</sup>, corresponding to a yield of 30 – 40 m<sup>2</sup> per liter. Determine processing technique and exact consumption values in on-site surface tests.

**Container sizes:** 0.25 L / 0.75 L / 2.5 L / 10 L

## 4. Cleaning

Thoroughly clean tools, and soiled clothing with AGLAIA Balsam lacquer thinner immediately after use.

## 5. Storage

Min. shelf life: 24 months when stored cool in sealed, air-tight original container. Seal partially used containers air-tight and use up as soon as possible. Do not mix in surface skin.

## 6. Hazard notices, safety instructions, and disposal

Note EC safety data sheet. Safety data sheet available on request. Keep out of reach of children. Do not get in eyes, on skin, or on clothing. Avoid release into the environment. Rags, pads, ball rags, paper, or other materials used to collect product represent a potential fire hazard. After use, soak with water, then collect in sealed, non-flammable containers and dispose safely. Dispose in compliance with statutory regulations.

- Waste code / product and product leftovers 080111

## 7. Declaration

This technical information is intended to advise you based on our findings and practical experience. All notices are non-binding. They do not relieve the user from performing their own substrate-dependent tests for product suitability and processing method. Technical changes due to product development made without notice. Third-party additives for tinting, diluting, etc. are not approved. Test color prior to processing. This leaflet automatically expires when a revised edition is published. The details in the EC safety data sheets in their current version are binding for the classification as per hazmat directive, disposal, etc.