

100% SOLID

SENSITIVE

## Garden furniture oil with beeswax

Article No.3030

Garten

*Oil for garden furniture having excellent waterproof and mudguard properties due to presence of natural oils and wax. Contains 100% dry substance. No artificial substances including siccatives.*

**POSITION IN ÖLIA NATURFARBEN RANGE:** The compound «Garden furniture oil with beeswax» No.3030 containing no fast-drying materials or other artificial substances is similar to the compound «Wax-oil for wood, with cloth applying» No.1030 but distinguishes with better water resistance, weathering stability and wear resistance; besides it forms more impressive silky-semi-mat cover. Unlike «Garden wood oil with beeswax» No.3010, it does not contain fast-drying materials and so it is ideal choice for treatment garden furniture, horticultural sundries, toys and other wooden objects being in a constant contact with human skin. Among them, this concerns wooden things being operated periodically outdoor under an open shed (tables, chairs, benches, shelves for products and dishware storage, etc.) The compound is less resistant to atmospheric factors and distinguishes with much longer drying up time than No.3010.

**DESCRIPTION:** This is oil for garden furniture specific exactly for those cases that to safety of a treated surface, increased demand is made and a constant contact with human skin is foreseen. (It brings marking "Sensitive" on it as it contains no fast-drying materials (siccatives) or other artificial substances). The compound allows reaching an excellent wood protection and adding a noble look to it. The compound forms an antistatic, mudguard, water-repellent, "breathing", nice-by-touch cover. It penetrates considerably into a facial wood layer, hardens it and increases its wear resistance. Partially it stays on the wood surface. It contains a natural ultraviolet protection. During a long time, the compound allows conserving wood initial look, no matter where the furniture is operated (indoor or under an open shed) including in conditions of periodical moisture and atmospheric factors action. The compound distinguishes with much longer drying up time. It contains no antiseptics and that is why the treated surfaces are not recommended to be operated in conditions of a constant water action.

The treated surface can be cleaned from contaminants easily.

It does not clog wood pores; it neither cracks nor exfoliates at all during operation. The compound is used in untreated wood including with a purpose of its toning (when tinting).

The compound ennobles and refreshes a wooden surface, deepens wood natural pattern and color, makes a surface smooth and leaves the surface look close to one of primeval wood.

The compound contains no water or solvents and that is why it is consumed sparingly and forms a stable cover.

Antistatic properties of the compound prevent dust accumulation.

Fast-drying materials absence requires the increased drying time.

The cover is repairable and restored easily.

 The compound does not contain fast-drying materials and that is why it distinguishes with the increased drying up time.

**USE:** It is meant for garden furniture, tools, doors, windows and other wooden objects being operated in conditions of periodical atmospheric factors action, indoor under an open shed, in a frequent contact with human skin and being subjected to wear. It is perfectly suitable for

child's toys, playgrounds for kids and so on being operated under an open shed or in conditions of periodical atmospheric factors action. The treated surface is safe even in a case of a long contact with food. The compound does not suit for floors. It is not suitable for surfaces treated with synthetic lacquers, paints and impregnating compounds. (Cover removing is required).

**GLOSS:** Silky-semi-mat.

**COLOR:** Pale-strawy (natural). After several months the wood gets a nice honey-like tincture. The compound can be colored with dry pigments. For external treatment, it is needed to use the compound only in its colored form. It is recommended using mineral pigments.

**COMPLETE COMPOSITION:** heat-polymerized mixture of linseed oil and wood oil; boiled down mixture of linseed oil, castor oil, wood oil and fatty acids from vegetable sources; heat-polymerized castor oil; heat-polymerized linseed oil; beeswax; fir needle oil.

**Content of artificial substances:** The compound contains no artificial substances, fast-drying materials, conserving agents or heavy metals.

**THINNING AGENT:** not applicable. In a case of thickening up, the compound should be mixed thoroughly and, if needed, warmed a little bit in a container with hot water (do not use heaters or gas-burners!).

**SOLIDS CONTENT:** 99 to 100%

**STORAGE:** It is supposed to be stored in a dry cool place in tightly closed packing under temperature not lower than +5°C and preferably not higher than +35°C. In a case of freezing down after a thorough mixing, a consistency and properties of the compound restore completely (the process accelerates in a case of the container warming with hot water).

**SHELF LIFE:** Storage term in the original closed container is about 12 months.

**CONTAINER VOLUME:** 0.5; 1; 2.5 and 10 l.

**CLASS OF HAZARD:** not applicable

**DENSITY:** 0.92 to 0.95 g/cm<sup>3</sup>

**VISCOSITY:** ~60 to 65 sec (DIN-size beaker 4 mm)

**FLASH-POINT:** do not apply at more than 200°C

**QUANTITY USED:** For the first and second layers, 25 to 50 m<sup>2</sup>/l depending on absorptiveness of the surface.

**DRYING TIME:** The compound is soaked in during 8 to 12 hours (1 layer, at temperature 20°C and humidity 50-60%). After that an excess can be removed and the surface needs to be polished. An adhesiveness disappears during 48 hours. In 24 hours the next layer application can be done.

Final drying up takes place during 2 to 4 weeks at temperature 20°C and humidity 50-60%. At lower temperature and higher humidity the drying up time increases.

While drying, it is needed to provide surface with fresh air circulation (aerification, ventilation), or else the drying process decelerates and during a long time there can stay characteristic smell of drying plant oils.

In a case of applying the compound on a wood with high content of tanning agents (oak, chestnut, cherry and so on), the compound drying up time increase is possible.

## DIRECTIONS FOR USE:

**Surface preparation.** Remove an old film coat (if any). Clean the surface from dirt and grease (by washing up with water and soap) and dry up to the humidity level 14-15%. In dependence with wood kind and desirable smoothness, grind off the surface with abrasive means with grain P100-220 (it is recommended in average not less than P150-180), remove dust thoroughly.

 The compounds **ÖLIA NATURFARBEN** are completely natural and do not contain any dangerous chemical additives preventing film forming on a compound surface at storage. That is why during the compound storage, the film forming is possible on its surface, which influences its quality in no way. One should remove the film (if any), not mixing it with the main content.

**Application process.** The surface must be dry; the recommended humidity is not more than 14 or 15%. It is recommended to conduct the treatment at temperature not less than +15°C. The compound is applied in 1 or 2 (sometimes in 3) layers. Mix the compound properly and apply it on the surface with some excess with aid of a brush with short nap, a lint-free tissue or a roller with short nap. Do it rubbing the compound in along grains. If the compound has been soaked-in completely during 8 to 24 hours, apply the next layer in the similar way. If after 24 hours of application the compound has not soaked-in, a next layer application is not required.

If after 8 to 24 hours after the compound application on some fields, the compound excess remained, while on other fields, the compound has soaked-in, redistribute the compound on the free fields.

In 24 hours after the last layer application, remove a compound excess from the surface with aid of a brush with short nap or with a free-ling cotton tissue.

Do not leave the compound for soaking-in more than 24 to 36 hours after its application as a compound polymerization takes place, after which excess removing gets much more difficult. An adhesiveness disappears during 48 hours. Final drying up takes place in 2 to 4 weeks.

 While final excess removing, keep away from compound accumulation in hollows (joints, bevels, shatters, knots, inner angles, crevices, indentations and so on); thoroughly remove excess, or else the cover drying time will be increased drastically in the specified places and its quality would be deteriorated.

 Preliminary it is recommended making a trial compound application.

Above the final layer, not earlier than in 2-4 weeks, the layer of «Carnauba wax, high gloss» No.1090 can be apply.

**Tinting.** In the compound, dry pigments can be added in volume up to 30%. For uniform mixing up it is recommended first to dilute a pigment in a small compound volume and then to mix up with the rest of compound.

**Cleaning and care.** The surface can be wiped with a wet tissue. In a case of contamination, wash it up with warm water and soap or non-abrasive detergent. If the surface is worn-out, apply an oil thin layer on the worn-out field according to the instruction. In a case of a local

damage (or contamination), the surface should be scraped with a sandpaper with small grain (for example P240) and then the treated field should be covered with the compound. For a better conservation of the silky gloss and fresh look of the surface, it is recommended wetting cleaning, namely wiping the surface with water, to 10 liters of which 1 or 2 tablespoons of the emulsion of carnauba palm wax No.1090 should be added. Periodically (once per 6 to12 months), it is recommended refreshing the surface with aid of «Care furniture wax» No.5030.

**Tool cleaning.** Immediately after use it is needed to wash the tool with warm water with soap or detergent and to dry it up.

**UTILIZATION:** An empty container must be utilized in accordance with regional legislation. Any dried up product remainders can be disposed together with domestic garbage.

**SAFETY ADVICE:** To store in a childproof place. It is forbidden to pour remainders into sewage. In a case of contact with eyes, wash with a lot of water. Soaked with the product materials (tissues, dresses, sponges) and tools must be washed up with water and soap and dried up in a fireproof container or on a fireproof surface as during the drying up process, a hazard is present of a spontaneous combustion. After that the materials can be disposed together with common garbage.

 **The compound contains completely natural substances. That is why before its application it is necessary to ensure that you do not suffer from allergy to vegetable substances and products of beekeeping!**