

## LIGNEX<sup>®</sup> NATURE OIL

Pure natural oil for the protection of outdoor wood

32N1-a February 2021

### 1. Description

**Product:** LIGNEX NATURE OIL is formulated with high quality natural oils and resins. LIGNEX NATURE OIL contains wood oil, linseed oil, castor oil and rosin resin. It is a 100% natural oil with no chemical additives. It is ideal for the first treatment and maintenance of garden furniture and outdoor flooring and offers good protection against UV rays and humidity. LIGNEX NATURE OIL does not contain biocides.

**Fields of use:** For the first treatment and maintenance of woods, both tropical and domestic, placed outside but not in continuous contact with the ground or with water.

**Properties:** LIGNEX NATURE OIL penetrates deep into the wood, offers excellent water repellency and enhances the wood's natural grain.

**Colors:** Transparent

**Packaging:** 0,75 L; 2,5L in metal tins

### 2. Technical Data

**Density:** approx. 0.94 g / cm<sup>3</sup> (+20°C)

**Viscosity:** approx. 250 s / DIN cup, 2 mm at +20 °C

**Drying time:** depending on the type of wood, the quantity applied and the atmospheric conditions, the product dries in about 24 hours. In low temperatures and/or high humidity the drying time is prolonged proportionally. The extracts contained in some types of exotic wood (e.g. teak, massaranduba, iroko, ipe etc.) and domestic (e. g. oak, chestnut, etc.) can slow down the product from drying up to several days. When using such critical woods, we recommend to check the drying properties by testing. When used on flooring, the surface can be walked on after 48 hours.

**Odour:** weak odour; odourless once dry.

**Storage:** 18 months in originally sealed containers. Store at a cool temperature protected from frost. Close partially used tins well. Store away from food, drink and animal feed. Only store the original, intact containers and keep out of the reach of children.

### 3. How to apply

**General:** mix well before and during use.

**Application system:** brush. Apply a generous quantity of LIGNEX NATURE OIL with a brush and leave it to penetrate the wood. Remove any excess product with a cloth after about 10 minutes.

**Application temperature:** 5 - 35 °C

**Surface preparation:** The wood to be treated must be dry and free from dust and grease. Do not apply to wood with a moisture content over 18%. Remove any poorly anchored old paint or varnish. Clean any resinous areas or pockets on the surface with nitro thinner.

**Application advice:** End-grain wood should be treated with more coats of LIGNEX NATURE OIL to reduce water-absorption as much as possible.

#### Recommended treatments:

-- New wood and exterior renovation:

Apply a number of coats of LIGNEX LIGNEX NATURE OIL at intervals of at least 24 hours.  
After each application, remove any excess product with a cloth after about 10

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**N.B.** Cloths impregnated with LIGNEX LIGNEX NATURE OIL must be placed carefully in a hermetically-sealed, non-flammable container to be disposed of in a special waste disposal facility. Danger of spontaneous combustion.

**Yield:** approx. 15m<sup>2</sup> / l per application, depending on the absorption power of the wood and the quantity of product applied.

**Dilution:** LIGNEX NATURE OIL is ready for use. It must not be diluted.

**Overpainting:** in normal conditions after about 24 hours.

**Tool cleaning:** with white spirit or paint thinner, immediately after use.

#### 4. Special instructions

Always take the relevant precautions for working with paint/varnish and follow the instructions in the safety sheet. Keep out of reach of children. During application ensure that face, hands and eyes are adequately protected and that the working area is properly ventilated. Do not breathe in the vapours/aerosols. Repeated exposure can cause dry, chapped skin. Avoid working near naked flame or sparks. If ingested, consult a medical practitioner immediately and show the practitioner the container or its labelling. After application wash the face and hands thoroughly with water and a suitable detergent. Do not let the product pollute water courses and drainage water that may penetrate the soil.

**European waste catalogue:** 08 01 11 waste paint and varnish containing organic solvents or other dangerous substances.

**Water hazard class:** WGK 1 (self-classification): low hazard.

**VbF classification:** --

**ADR/RID:** Not applicable

The above instructions are consistent with the most recent information on the development and use of our product. Because we have no control over the onsite use and application of the product, we may only be held liable for the quality of the product as supplied. If in doubt please contact our technical consultancy service.