

## Technical Data Sheet

# KUNOS Furniture Oil No. 245

**N** means **LIVOS neutral** for the allergy-prone and chemically sensitive

### Without orange oil

|                             |  |
|-----------------------------|--|
| <b>Range of application</b> | For interior treatment and maintenance of solid wooden furniture as well as Multiplex. Only to a limited extent suitable for veneers and cabinet interiors (see page 2). Not to be used on stained wood.   |
| <b>Technical qualities</b>  | Free of cobalt and essential oils. Produces a matt film after 1 coat and a satin glossy finish after 2 - 3 coats. Water-resistant. Complies with DIN 53 160, fast to perspiration and saliva. According to DIN EN 71 part 3, suitable for toys.  |
| <b>Full declaration</b>     | Isoaliphates, linseed oil – stand oil – natural resin ester, castor oil - natural resin ester, wood oil, linseed oil, natural resin glycerol ester, micronized wax, silicic acid, dehydrated amino sugar and drying agents free of lead (Ca, Mn, Zr).  |
| <b>Colors</b>               | 002 clear  |
| <b>Dilution</b>             | Ready to use for painting.<br>For spraying, add max. 5 – 10 % SVALOS Spray Thinner No. 293 or SVALOS Thinner No. 292.  |
| <b>Application method</b>   | By brush, roller, spraying device or with a wadded cloth at temperatures above 16°C (61°F).  |
| <b>Coverage</b>             | Determine the exact coverage by doing a test coat.<br>First coat: 1 liter (1.06 quart.) is sufficient for appr. 20 m <sup>2</sup> (215 ft <sup>2</sup> ), i.e. 50 ml/m <sup>2</sup> .<br>Second coat: 1 liter (1.06 quart.) is sufficient for appr. 90 m <sup>2</sup> (969 ft <sup>2</sup> ), i.e. 11 ml/m <sup>2</sup> .<br>Third coat: 1 liter (1.06 quart.) is sufficient for appr. 250 m <sup>2</sup> (2691 ft <sup>2</sup> ), i.e. 4 ml/m <sup>2</sup> .  |
| <b>Cleaning</b>             | Clean equipment immediately after use with SVALOS Thinner No. 292 or SVALOS Spray Thinner No. 293.   |
| <b>Drying time</b>          | At 23°C (73.4°F) and a relative humidity of 50%: first coat 12 hours, subsequent coats 24 hours. Final durability is reached after 4 weeks. At higher temperatures, please consider shorter drying times and polish in more quickly. At lower temperatures and higher humidity, please consider longer drying times as given.  |
| <b>Specific gravity</b>     | Approximately 0.86 g/ml.   |
| <b>Safety advice</b>        | Ensure good ventilation during and after application. Always be sure to store and then dispose of cleaning cloths, polishing pads, sponges, etc. that are still wet or even slightly moist with KUNOS Furniture Oil No. 245 in an airtight metal container or in water, as there is a danger of combustion caused by the plant oil content. The product itself will not combust spontaneously.<br>P102 Keep out of reach of children.<br>P301+P310 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a doctor.<br>EUH066 Repeated exposure may cause skin dryness or cracking. |
| <b>Disposal</b>             | According to local official regulations.   |
| <b>Container Size</b>       | 0.2 l; 0.75 l; 2.5 l; 10 l; 30 l.  |
| <b>Storage</b>              | Cool and dry. Shelf life: unopened at least 4 years. Transfer unused product into a smaller container for storage in order to minimize excess air.   |

How to use

## KUNOS Furniture Oil No. 245

### Wooden surface

#### Preparation

Wood must be dry (moisture content below 12 %), solid, able to absorb, free of resin and dust. Sand gradually and in accordance with the gradation of sandpaper up to 240 grain, exception for oak up to 180 grain.

#### Application

Stir thoroughly. Remove possible skin formed on surface. Test application! Depending on surface requirement, absorbency and kind of wood: apply 1 - 3 coatings with a brush, roller or spraying device until a coating layer has developed.

On heavily stressed areas apply at least three coats.

The first application is carried out so generous that no more oil is absorbed by the wood i.e. all wood pores are filled with oil. After 15 minutes (30 minutes for very hard woods like walnut) remove excess oil e.g. with a lint-free cotton cloth.

Second application: after drying overnight spread a few drops per m<sup>2</sup> and polish in immediately with a felt pad or cotton cloth.

Third application should be done like the second.

### Cleaning and Maintenance

Clean with TRENA pH-Neutral Cleaner No. 556 diluted in water and wipe with a moist, but not wet cloth. If the furniture surface looks matt, use KUNOS Furniture Oil No. 245 to maintain it.

### Important advice

The finer the sanding, the lower the consumption. This also reduces the tendency of "wear and tear" and soiling of the surface. When sanding is too coarse, the surface tends to water-sensitivity and the possibility of greening increases.

The longer KUNOS Furniture Oil No. 245 has a chance to interact, the stronger is the reinforcing and deepening of the natural color of the wood grain, especially with beech. In the grooves, the KUNOS Oil No. 245 should be completely removed.

Wood not completely saturated with KUNOS Furniture Oil, or where a coating layer did not form, development of stains or discolorations through water are possible.

For wood veneers, with a minimum of layer thickness of 0.5 mm after sanding, the first coat is to be applied very thinly. Not to be used for veneer with a layer thickness lower than 0.5mm.

Glues and adhesives must be completely hardened before applying the first coat.

For cabinet interiors, all coats must be applied sparingly. Ventilate for at least one week. Otherwise, smells can occur.

Cobalt - free oils dry much slower when they are applied too thickly.

These directions are the result of long years of research and practical testing. They are backed by our most current expert information. New findings may invalidate this information. The latest version is available on our website at [www.livos.de](http://www.livos.de). This data sheet is meant to serve as information and instruction. No legal liability should be interpreted from it. In case of doubt, please contact the retailer, wholesaler, or manufacturer.

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