

## Technical Data Sheet

# KOIMOS Natural Oil No. 196

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

### Without orange oil

<b>Application range</b>	For interior use on untreated floors, solid timbers, e.g. furniture, parquet, floorboards, stairs and absorbent stone.
<b>Technical qualities</b>	Solvent-free, cobalt free. Matt surface after first coating, semi glossy after the second. Complies with the German Industrial Norm DIN 53 160, fast to perspiration and saliva.
<b>Full declaration</b>	Linseed oil, linseed oil - stand oil - natural resin ester, carnauba wax, aluminium silicate, dehydrated castor oil and drying agents free of lead (Ca, Mn, Zr).
<b>Color</b>	002 Clear.
<b>Application method</b>	With a spatula or roller and polishing afterwards with a lint-free cotton cloth or with a single disc rotary machine and polishing pad, at temperatures above 15°C (59°F). (See reverse for further information).
<b>Coverage</b>	Determine the exact amount needed by doing a test application. First coat: 20 g/m <sup>2</sup> , i.e. 1 liter (1.06 quart) is sufficient for appr. 47 m <sup>2</sup> (506 ft <sup>2</sup> ) and with exotic wood appr. 12 – 15 g/m <sup>2</sup> i.e. 1 liter (1.06 quart) is sufficient for appr. 65-83 m <sup>2</sup> (699 - 893 ft <sup>2</sup> ). (Gross usage! When calculating the required quantity of paint, consider the leftover product remaining in the working equipment). Second coat: 3g/m <sup>2</sup> , i.e. 1 liter (1.06 quart) is sufficient for approximately 313 m <sup>2</sup> (3367 ft <sup>2</sup> ).
<b>Cleaning</b>	Clean equipment immediately after use with water and SVALOS Thinner No. 292.
<b>Drying time</b>	At 23 °C (73 °F) and 50% relative humidity: 16 - 24 hours. Final degree of hardness is reached after 4 weeks. At high temperatures consider shorter drying time and polish earlier.
<b>Specific gravity</b>	Approximately 0.97 g/ml.
<b>Safety advice</b>	Provide enough ventilation 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 KOIMOS Natural Oil No. 196 in an airtight metal container or in water, as there is a danger of spontaneous combustion caused by the plant oil content. The product itself will not combust spontaneously. P102 Keep out of the reach of children.
<b>Disposal</b>	According to locally regulated laws.
<b>Container sizes</b>	0.375 l; 0,75 l; 2,5 l; 10 l; 30 l; 200 l.
<b>Storage</b>	Cool and dry. Shelf life: unopened at least 4 years. Transfer unused portion of product to a smaller container for storage.

How to use

## KOIMOS Natural Oil No. 196

### Wood

#### Preparation:

Wood should be dry (wood moisture maximum 12%), solid, absorbent, and free of resin and dust. Sand gradually according to the sanding paper steps. For **furniture** up to 240 grain, for **floors** up to 120 grain, with a belt sander (grinding device with sandpaper roller) and final sanding up to 180 grain with a grid.

### Application

Stir thoroughly before use. Remove possible skin formed on surface.

Test application is recommended!

First coat: With a foam-, short-hair roller, or with a spatula. Polish in after 20 minutes with a single disc rotary machine and a polishing pad. Check for equability against the backlight.

Second coat: Spread drops of KOIMOS on the surface, approximately 1 teaspoon per m<sup>2</sup>. Polish in immediately with a single disc rotary machine and felt pad.

Alternatively as final coat use ALISA Hard Wax No. 302 or BIVOS Oil Wax No. 376.

### Cleaning

Use TRENA pH-Neutral Cleaner No. 556 diluted with water and wipe with a moist, but not wet cloth. With each 4th - 5th cleaning use GLANOS Natural Liquid Wax Cleaner Nr.559 instead of TRENA pH-Neutral Cleaner in the wash water.

### Care

Basic cleaning with TRENA pH-Neutral Cleaner No. 556 (diluted 1:5 with water). Maintenance with KUNOS Floor Maintenance No. 1893, or one of the waxes, which were used for the final treatment, when the surface looks matt. If the used surface is completely worn off, clean thoroughly with TRENA pH-Neutral Cleaner No. 556 (diluted 1:5 in water) and treat with KOIMOS Natural Oil No. 196, 3 g/m<sup>2</sup>.

### Important tips

Wood not completely saturated with KOIMOS Natural Oil No. 196 may develop stains or discolour due to water contact.

With very finely pored wood like Pear or Wild Service Tree, polish the oil already in after 5 minutes, otherwise it might result in a patchy surface. Do not work with a spatula with this type of wood. Cobalt-free oils dry more slowly if they are applied too thick.

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.

January 2016