

Technical Data Sheet

KUNOS Countertop Oil No. 243

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

Application range	For interior solid wood, e.g. kitchen countertops, dining tables and windowsills as well as Multiplex boards. Conditionally suitable for veneers and plywood (see also page 2 - Important tips). Not suitable for chipboard, stained wood and cabinet interiors.
Technical qualities	Emphasizes the structure of the wood grain. Results in a matt surface after 1 coat and a satin glossy finish after 2 - 3 coats. Complies with the German Industrial Norm DIN 53 160 for color fastness when exposed to perspiration and saliva. Suitable for toys according to DIN EN 71, part 3. Free of organic-chemical compounds according to DIN EN 71 part 9. Water resistant after 3 applications and 4 weeks of curing. Successfully tested for emissions according to AgBB ¹ scheme (2022).
Full declaration	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).
Color	002 clear
Dilution	Ready to use for painting.
Application method	3 coats with a brush, lint-free cotton cloth or random rotary sander and felt pad (grain-free) at temperatures above 16 °C (60°F). Important: please read the detailed instructions on page 2!
Coverage	Determine the exact coverage by doing a test coat. First coat: 45 ml/m ² , i.e. 1 liter (1.06 quart) is sufficient for approximately 22 m ² (237 ft ²). Second coat: 11 ml/m ² , i.e. 1 liter (1.06 quart) is sufficient for approximately 90 m ² (968 ft ²). Third coat: 4 ml/m ² , i.e. 1 liter (1.06 quart) is sufficient for approximately 250 m ² (2.690 ft ²).
Cleaning	Clean equipment immediately after use with SVALOS Thinner No. 222 or LEVO Brush Cleaner No. 997.
Drying time	At 23°C (73°F) and 50% relative humidity: First coat 24 hours, subsequent coats 12 hours.
Specific gravity	Approximately 0.88 g/ml.
Safety advice	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 Countertop Oil No. 243 in an airtight metal container or in water, as there is a danger of spontaneous combustion caused by the plant oil content. The liquid or applied product is not self-ignitable. P102 Keep out of reach of children. P301+P310 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a doctor.
Disposal	According to locally regulated laws.
Container sizes	0.05 l; 0.1 l; 0.25 l; 0.75 l; 2.5 l; 10 l.
Storage	Cool and dry. Shelf life: unopened at least 4 years. Opened products react with oxygen, over time skin formation and rancid smell can occur. Residues should be transferred into smaller containers.

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¹ AgBB = The Committee for Health-Related Evaluation of Building Products.

How to use

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Preparation

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

Alternative:

Pre-sanding up to 120 grain and interim sanding after the first coat with 320 grain.

Application

Stir thoroughly before use. Remove possible skin formed on surface. Test application!

Apply the first coat generously and distribute or remove (if necessary) visible oil residues after 20 minutes. The harder the wood (e.g. walnut), the longer the penetration time, but a maximum of 30 minutes.

All wood pores should be filled with the oil, but no oil residues should remain on the surface.

After at least 24 hours of drying time apply one teaspoon of oil per m² and polish immediately for the **second application**.

The **third application** can be carried out after another 12 hours (same procedure as for the second application). Three applications are necessary for water resistance.

Suitable tools are: random orbital sander with felt pad (grain-free) or alternatively brush and lint-free cotton cloth.

Important information for the first use:

In the first 4 weeks after the last application, the coating hardens slightly on the inside. During this time, please avoid standing water and wide-area coverings. Apart from this, the surface can be used.

Cleaning and Care

Use TRENA pH-Neutral Cleaner diluted with water and wipe with a moist, but not wet cloth. When the wood surface looks matt, after-care with KUNOS Countertop oil N° 243 the same way as indicated for the 2nd/3rd application.

Important tips

In the case of **veneers** and **plywood**, the first coat should be applied sparingly and the wet film should be removed after 5 minutes. KUNOS is **not suitable** for veneers and board layers (plywood) with a **layer thickness of less than 0.5 mm** (after sanding).

Glues and adhesives must be completely cured before the first application.

Prolonged placement of wet metal objects can cause permanent discoloration on some wood types (e.g. oak). In these cases, sanding and re-treating the affected areas is necessary for complete removal.

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. 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 LIVOS customer service (see page 1).

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