

Technical Data Sheet

KUNOS Countertop Oil No. 243

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

Without orange oil

Application range For interior solid wood, e.g. kitchen countertops, dining tables and windowsills as well as Multiplex boards. For veneers, stained wood or cabinet interiors see Important Note below.

Technical qualities Free of terpenes. 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.

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).

Colors 002 clear

Dilution Not recommended

Application method By brush, with spraying device, rotary sander and grey felt pad, white polishing pad as well as lint-free cotton cloth, at temperatures above 16°C (60°F).

Coverage Determine the exact coverage by doing a test coat.
 First coat: 45 ml/m², i.e. 1 litre is sufficient for approximately 22 m²
 Second coat: 11 ml/m², i.e. 1 litre is sufficient for approximately 90 m²
 Third coat: 4 ml/m², i.e. 1 litre is sufficient for approximately 250 m²

Cleaning Clean equipment immediately after use with SVALOS Thinner No. 222 or LEVO Brush Cleaner No. 997.

Drying time At 23°C and 50% relative humidity: First coat 6 - 12 hours, subsequent coats 24 hours. Final degree of hardness is reached after 4 weeks.

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.

EUH066 Repeated exposure may cause skin dryness or cracking.

Disposal According to locally regulated laws.

Container sizes 0.05 lt; 0.25 lt; 0.75 lt; 2.5 lt;

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. Transfer unused portion of the product to a smaller container for storage to minimise excess air.

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 grit, for oak use 180 grit.

Alternative:

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

Application

Stir thoroughly before use. Remove possible skin formed on surface. Test application if necessary. Apply generously and after 20 minutes (not earlier) distribute or remove (if necessary) visible oil residues. All wood pores should be filled with the oil, but no oil residues should remain at the surface.

The second application. After at least 12 hours of drying time apply one teaspoon of oil per m² and polish in immediately.

The third application can be carried out after another 24 hours (same procedure as for the second application).

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

Cleaning and Care

Use TRENA pH-Neutral Cleaner diluted with water and wipe with a moist, but not wet cloth. After-care or rejuvenate the surface with KUNOS Countertop Oil No. 243, when the surface looks matt.

Important tips

The longer the KUNOS No.243 has a chance to interact, the stronger is the reinforcing and deepening of the natural colour of the wood grain. In grooves, the KUNOS Countertop Oil No. 243 should be completely removed. Wood not completely saturated with KUNOS Countertop Oil No.243 and exposed to water may develop stains or discolour. For glued crosscut wood or wood veneers, with a minimum of 0.5 mm after sanding, the 1st coat is to be applied very thinly, and the wet film to be removed after 5 minutes. For glued crosscut wood or wood veneers, with a surface coat of less than 0.5 mm, the KUNOS is not suitable. When in doubt please make a test application. Adhesives and glues must be completely dry before treatment with the 1st coat. We do not recommend the Livos oils on BRUSH BOX (EMMENOSPERMA ALPHITIONIODES).

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. 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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