

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. Not to be used for veneers, stained wood or cabinet interiors.
Technical qualities	Free of cobalt and 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. Free of organic-chemical compounds according to DIN EN 71 part 9. Water resistant after 3 applications and 4 weeks of curing.
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	By brush, rotary sander and grey felt 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/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. EUH066 Repeated exposure may cause skin dryness or cracking.
Disposal	According to locally regulated laws.
Container sizes	0.1; 0.25 l; 0.75 l; 2.5 l; 10 l; 30 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.

How to use

KUNOS Countertop Oil No. 243

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. 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 m ² 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 (not white or beige pad) or alternatively brush and lint-free cotton cloth. Important information for the first use: The maximum achievable water resistance is achieved only after 4 weeks of curing. Immediately wipe off stagnant water during this time.
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 2 nd /3 rd application.

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 retailer, wholesaler, or manufacturer.

October 2018