

## **AURO Garden furniture oil - Aqua No. 115**

### **Type of material**

Environment-friendly, water-thinnable, solvent-free garden furniture oil.

### **Intended purpose**

- For transparent, diffusable protective layers on wood and wood-based materials.
- For freshening up old or weather-beaten garden furniture.

### **Technical properties**

- Medium, satin-mat gloss; contains no wood preserving agents.
- Consistently ecological choice of raw materials.
- Conforms with DIN EN 71 pt. 3, Safety of Toys.
- Regular application protects the wood against moisture, bleaching and greying.

### **Composition**

Water; linseed oil\*; colophony glycerol ester with organic acids\*; surfactants made of rapeseed-, castor oil; silicic acid; castor oil\*; sunflower oil\*; mineral pigments; cellulose; fatty acids; drying agents (cobalt-free); xanthane. \*as amino soap  
Natural paints are neither odourless nor emission-free. May cause allergic reactions. Current full declaration: [www.auro.de](http://www.auro.de).

**Colour shade:** Ochre to dark brown, depending on substrate and type of wood.

**Application method:** With brush or, on bigger, even surfaces, with short pile or plastic foam rollers.

### **Drying time in standard climate (23 °C/ 50% rel. humidity)**

- Dry and overcoatable after approx. 24 hours, final dryness after approx. 5 days.
- Significant drying delays are caused by high humidity, low temperatures and excessive application volumes.
- Drying is a process of oxygen uptake. Ensure plentiful and tempered air volume exchange during the drying process.

**Density:** 1,02 g/cm<sup>3</sup>

**Thinner:** Product is supplied ready for use, thinnable with max 20 % water.

**Consumption rate:** 0,06-0,08 l/m<sup>2</sup>, on smooth, evenly absorbent substrates. Consumption volumes depend on substrate, processing method, surface quality. Determine exact consumption with test coat.

**Cleaning of tools:** Thoroughly brush out the tools after use, then wash out with water, add AURO Plant soap No. 411\* if necessary. Remove sticking hard product residues by soaking the tools in soap solution or with AURO Orange oil No. 191\*.

**Storage stability** At 18 °C in unopened original container: 12 months. Store out of reach of children in a cool, dry, frost-free place.

**Packaging material:** Tinplate.

**Disposal:** Liquid residues: European Waste Code 080120: Paints. Return only emptied containers with dried product residues for recycling. Only dried product residues can be disposed of as dried paint or with the household waste.

### **Attention**

Risk of spontaneous combustion due to drying oils. Do not crumple used cleaning rags, etc., but allow them to dry by spreading them out singly, or store in a metal container closed airtight. Product code: M-DF 03 Natural resin paints, solvent-free. The usual protective measures must be taken, e.g. protect skin from contact and ensure sufficient ventilation during the application. For more details see Safety Data Sheet. See Technical Data Sheets.

**EU VOC value** according to 2004/42/EC II A (flb) 130g/l. **Product VOC < 1 g/l.**

# Technical recommendations for application

## AURO Garden furniture oil - Aqua No. 115

### 1. SUBSTRATE

**1.1 Suitable substrate:** Garden furniture made of solid wood.

#### 1.2 General substrate requirements

The substrate must be dry, clean, firm, chemically neutral, adhesive, absorbent, free of oil, fat, separating or bleeding substances.

### 2. COATING SYSTEM

#### 2.1 Substrate preparation

- Test the existing substrates and old coatings regarding their adhesion ability and compatibility.
- Not adhesive, not suitable old coatings must be removed completely down to the sound wood.
- Round off corners, clean the surface, roughen, carefully remove all dust.
- For high-quality surfaces on smooth woods, first wet with sponge, allow to dry, then sand finely with the grain using only rust-free sanding agents. Brush out pores, carefully remove all dust and clean.
- Wood rich in bleeding substances, as well as resinous and tropical wood needs to be washed with alcohol thinner and finely sanded again.
- Remove substances coming out of the wood such as resin or resin galls; remove damaged wood parts; seal open joints.
- **Pretreatment with AURO Special primer No. 117\*** is required on:
  - wood rich in tanning substances (e.g. oak, chestnut, framire etc.) to prevent drying delays
  - wood types with bleeding or staining contents (e.g. larch, red cedar, meranti, etc.).
  - wood treated with boron salt or boiler pressure impregnated wood to prevent efflorescence.
- It is recommended to protect wood types particularly prone to blue stain with a suitable wood preservation agent.

#### 2.2 First coat

Apply product evenly, diluted with up to 20 % of water, remove excess oil that has not been absorbed within 15 minutes with a dry, clean, solid cloth or pad.

#### 2.3 Final treatment

Apply one or two coats of product undiluted or diluted with 10 % of water, depending on the requested appearance and the degree of load the surface will be exposed to.

#### 2.4 Subsequent treatment

The surface can be renovated, if necessary, with AURO Aqua Paints No. 250\*, 260\* or AURO Aqua Woodstain No. 160\*.

### 3. CLEANING AND MAINTENANCE

Clean surfaces with lukewarm water only or use AURO Paint and stain cleaner No. 435\* or AURO Clean and Care Wax No. 680. Lyes (e.g. ammonia) or strongly abrasive scouring agents or cleaners, as well as microfibre material, damage the surface.

### REMARKS

- Test substrate on suitability and compatibility prior to product application.
- In case a substrate test is not feasible, remove all old coats of paint completely down to the solid wood.
- Mix products with different batch numbers to level the slight differences that may occur from one batch to another.
- Avoid exposure to direct sunlight, moisture and soiling during processing and drying.
- Minimum processing temperature 10 °C, max. 30 °C, max. 85% rel. humidity, optimum 20-23 °C, 50-65% rel. humidity.
- Wood moisture content max. 12% in hardwood, 15% in softwood.
- Stir product thoroughly before use.
- Protect surrounding surfaces and areas from dashes of paint.
- Remove stains and dashes immediately with water and, if needed, AURO Plant soap No. 411\*.
- It is recommended for an optimum result to slightly sand the dried surface between the single coats with a fine sandpaper (grain 220). Make sure not to hurt the edges and remove sanding dust thoroughly before the next coat.
- For optimum, lasting protection, check surfaces regularly and repair damages immediately.
- Observe the technical state of the art for coating (applicable regulations and procedures).
- All coating work must be adapted to the given object and its use.

\* See respective Technical Data Sheets.

The Technical Data Sheet gives recommendations and examples of possible use. No liability or legal responsibility can be derived. Use of the advice does not create any legal relationship. The information provided is based on our present knowledge and does not exempt the user from his personal responsibility. The conditions on site and the product's suitability must be checked appropriately and professionally. With publication of a new edition this technical data sheet is no longer valid. Status: August 2013.