

## Outlast® Q<sup>8</sup> Log Oil™ Solution

### Oil-Based Wood Preservative

- Semi-Transparent Preservative Stain for Logs, Siding, Decks, Wood Roofs
- End Cut Solution/Stain for Pressure-Treated Wood

- VOC Compliant in all 50 states
- Stops wood rot, mold, termites, and powder post beetles
- Repels water
- One-coat coverage
- Soap & water clean-up
- Available in various colors
- EPA Registered

Outlast® Q<sup>8</sup> Log Oil™ is an EPA-registered exterior wood preservative specifically designed to control decay-causing organisms (mold, termites, powder post beetles) in log homes, on wood products, and as end cut solution for pressure-treated wood. It provides unsurpassed water repellency and color with one-coat coverage. Q<sup>8</sup> Log Oil™ is a totally non-film forming exterior treatment that does not crack or peel. The trans-oxide pigment system provides excellent UV control that operates like a sunscreen to slow down graying of the wood and provide fade-resistant color. The solution soaks into the wood to provide protection, not just on the surface, but also deep into the wood cell structure.

#### For Protecting Logs and Deck Surfaces

**Surface Preparation:** The log or wood surface must be porous. Remove mill glaze, dirt, mildew, or any film coatings before application. One quart of CTA's KleenStart granules diluted in 5 gallons of warm water will clean and brighten in one step. Rinse thoroughly and allow to dry before application of Q<sup>8</sup> Log Oil™. A power washer at low pressure is an appropriate and time-saving tool for wood surface preparation. Avoid sanding. If sanding was required to remove a prior

coating, re-open the pores of the wood with a chemical or detergent cleaner (KleenStart), thoroughly rinse, and allow to dry as much as is possible (3-5 dry days) before application of Q<sup>8</sup> Log Oil™.

The absorption of Log Q<sup>8</sup> Oil™ is directly related to the porosity of the wood, and more absorption of oil results in better and longer lasting treatment. Because of this, new unseasoned wood will require more frequent applications than older dryer wood.

#### Insect Protection

Outlast® Q<sup>8</sup> Log Oil™ is an EPA-registered wood preservative containing copper 8 quinolinolate. Copper 8 has very low mammalian toxicity and has been approved for use on wood that comes into incidental contact with food such as picnic tables, produce bins, etc. Copper 8 is toxic, however, to a broad range of wood-eating insects. Termites and powder post beetles, for instance, are killed by ingesting wood treated with copper 8 quinolinolate. Some insects bore and/or nest in wood, but do not ingest it. Outlast® NBS 30 may provide protection from this type of insect. Check it out at [www.OutlastCTA.com](http://www.OutlastCTA.com) under Additives.

#### Active Ingredient:

Copper 8-quinolinolate 0.675%

**Other Ingredients\*** 99.325%

Total 100%

\* Contains petroleum distillates and metallic equivalent of copper.

EPA Reg. No. 81819-1



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Expect some mildew, especially on new wood that has not had the benefit of several soaking applications of Q<sup>8</sup> Log Oil™. For extra protection against mold and mildew, Outlast® Mold-Buster™ is available as an additive to interior and exterior paints and stains; it is effective with Q<sup>8</sup> Log Oil™. See [www.OutlastCTA.com](http://www.OutlastCTA.com) under Additives for more details.

**Before you start:** Test the color first. Curing and full color appearance takes approx. 2 weeks. Outlast® Q<sup>8</sup> Log Oil™ goes on dark and lightens significantly as it cures. Be aware that when Outlast® Q<sup>8</sup> Log Oil™ is applied and has soaked into the wood, it is permanent in the wood. The surfaces will need to be refreshed for color and water repellency, but the product inside cannot be removed. If you want to change the color, be advised that solid colors are not possible in this system. Semi-transparent shades are the only choices available. If you wish to change the shade, you can remove it from the surface by power-washing, then re-apply a different semi-transparent shade of Q<sup>8</sup> Log Oil™ after the initial curing process. Always “box” (blend) containers from different lot numbers.

**Spray, brush, or roll:** Stir product well before use and stir occasionally during application to keep pigments suspended. Begin at the bottom and work upwards to ensure even saturation. The fastest, easiest delivery method is by use of a pump-up type sprayer with a plastic or non-corrosive tip. (Brass tip is NOT recommended.) Airless spray applicators are not recommended due to excessive atomization and subsequent product loss. (Professionals may have airless equipment suitable for low-pressure applications, but do-it-yourselfers will have better results with the pump-up applicator.) Apply as much liquid as the wood will absorb. It is not necessary to “keep a wet edge” or to apply multiple coats or wet-on-wet coats. It is not necessary to clean out equipment until the job is finished, even if the job takes a week or more to complete! When ready to do so, equipment can be cleaned with laundry detergent and water or mineral spirits if desired.

**Weather conditions:** Q<sup>8</sup> Log Oil™ can be applied during a wide range of weather conditions. Wet or cold logs/wood will not absorb as much product as dry/warm ones. Below 50F, Q<sup>8</sup> Log Oil™ will become too thick to pump through a pump sprayer and may require hand brushing. Streaking of pigment may result if wood is exposed to rain within 36 hours of treatment. Simply re-spray the surface with more product, let it sit for 15 minutes, and smooth out any streaks with a stiff paintbrush.

**Coverage & longevity:** Apply to cover 125-175 square feet per gallon. Under-application is far and away the primary cause of short treatment life. However, only one coat at a time is recommended. The water repellency in Outlast® Q<sup>8</sup> Log Oil™ builds quickly making it unfeasible to multi-coat until a period of years has elapsed. (It becomes so water repellent, it repels itself.) Generally, it is recommended that vertical surfaces be re-treated within 24 months of the initial application. Additional applications should be applied as needed, usually every 4-8 years. Horizontal surfaces should be re-treated every other year or annually if needed.

## For Protecting End Cuts & Deck Walk Surfaces

Outlast® Q<sup>8</sup> Log Oil™ is formulated for the coating of freshly sawn ends of pressure-treated wood products. Its use validates the warranty on Wolmanized® and Outdoor® wood and is specified by AWWPA for all brands of PT wood end cuts and fastener holes in above ground residential applications.

The best results will be obtained if wood to be treated is immersed for 3 minutes or longer. If dipping is not possible, apply by brush, roller, or spray to the point of refusal. Make certain all areas are fully treated to get maximum benefits. **Q<sup>8</sup> Log Oil™ can be used to stain entire decks.** No waiting time is needed between construction and staining.. If a different paint or stain is used over Q<sup>8</sup> Log Oil™ end-cut treatment, apply after the curing period & test for compatibility.

### Precautions

Do not over apply Outlast® Q<sup>8</sup> Log Oil™ to horizontal walking surfaces. Mop up any unabsorbed material after 15 minutes. Treated surfaces can be slippery initially; avoid heavy traffic until the product has cured.

Do not spray Outlast® Q<sup>8</sup> Log Oil™ on asphalt shingles and driveways because it will soften asphalt on contact. Over spray or spills should be cleaned IMMEDIATELY with large volumes of a suitable detergent. Review the safety precautions on the label carefully before opening the container.