

TANAZOLE® AQUA ARXADA WOOD PROTECTION NZ

Product Description

Tanazole® Aqua is an NZ EPA registered concentrate designed for the treatment of wood products using a vacuum/pressure treatment plant.

The Tanazole® Aqua active ingredients bind to the wood and resist leaching. This provides Tanazole® Aqua treated timber with high levels of resistance to attack by insects and decay fungi, even when wet by rain fall.

Composition

Tanazole® Aqua is a concentrated formulation with Propiconazole, Tebuconazole (azoles) and Permethrin as active ingredients in conformance with the NZS 3640 and AS/NZS 1604 preservative standards.

For treatment compliance a tracer is usually added to allow for visual penetration inspection.

Appearance

Pale yellow to amber coloured liquid.

Density: ~1.04 g/ml @ 20°C

Properties

Tanazole® Aqua is a water-soluble wood preservative. Agitate well before use.

Flammability

There are no specific risks for fire/explosion for Tanazole® Aqua. Flash point is above 93°C.

Packaging

Typically supplied in 1000 L IBCs.

Transport and Storage

DG Class 9, Marine pollutant.

Hazchem Code 3Z.

UN No. 3082, Environmentally Hazardous Substance, Liquid, NOS (propiconazole, permethrin).

Packaging Group III

Store Tanazole® Aqua concentrate in secure bunded areas either in the original containers or purpose-built tanks.

Health and Safety Aspects

Tanazole® Aqua is Hazardous to the Aquatic Environment, Category 1. Avoid release into the environment.

Wear skin and eye protection when handling Tanazole® Aqua. Read and become familiar with the Safety Data Sheet (SDS) before using product.

Safety Data Sheets are available for Tanazole® Aqua concentrate and working solutions. If required, assistance is available to generate an SDS for Tanazole® Aqua treated timber.

Spills and Disposal

Wear personal protective equipment (see SDS). Do not allow spilled product or working solutions to enter drains, streams, rivers, or waterways. Contain any spillage and pump any recoverable liquid into suitable containers for re-use or disposal. Absorb any residues or small spills with absorbent material for proper disposal.

Directions for Use

Preparation of Treatment Solution

Tanazole® Aqua is diluted with water to an appropriate concentration for treating to the H3.1/H3 Hazard Class, taking into account the treatment process and timber to be treated. Minimum retentions of azoles (propiconazole and tebuconazole) and permethrin in the finished wood products are as follows:

- H3.1/H3 – 0.06% w/w (min.) azoles, and 0.02% w/w (min.) permethrin.

Check relevant standards for penetration and analytical zone requirements. Contact Arxada Wood Protection NZ for more information.

Preparation of Timber

Timber to be treated should be free of decay, insect attack and excessive dirt and bark. Radiata pine should be dry (below 20% moisture content) prior to treatment. Where possible the timber components should be in their final shape and form. See Arxada for specific advice on the treatment of other species.

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Treatment of Timber

Use of Bethell (full cell) or similar type schedules is recommended. As a variety of treatment processes are used commercially, you should seek specific details from your Arxada technical representative. After treatment, timber must be held on a sealed drip-pad until all dripping ceases. Collected drip shall be returned to the treatment plant for re-use.

Other Recommendations

Sawdust and shavings from treated wood and redundant wood pieces should be disposed of by way of landfill. Do not burn treated wood wastes as undesirable fumes and residues may be produced. Do not use treated shavings for garden mulch or animal bedding. Contact Arxada for advice for disposal of any chemical waste or sludge.

Avoid breathing dust from any trimming or sanding. Ensure suitable extraction is in place.

Do not mix Tanazole® Aqua with any other chemicals without first seeking advice from Arxada.

General

Use of correct personal protective equipment, appropriate work clothing and work practices are important to ensure the safe use of this product. A Safety Data Sheet is available from Arxada Wood Protection and should be reviewed before using the product.

Performance

The active ingredients in Tanazole® Aqua are widely recognised for their fungicidal and insecticidal properties. Efficacy is provided for H3.1 as described in NZS 3640 and H3 as described in AS/NZS 1604.1:2021.

Arxada Wood Protection NZ

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Use wood preservatives safely. Always, read the label and product information before use.

All product information corresponds to Arxada's knowledge on the subject at the date of publication, but Arxada makes no warranty as to its accuracy or completeness and Arxada assumes no obligation to update it. Product information is intended for use by recipients experienced and knowledgeable in the field who are capable and responsible.