



# Propiconazole Tebuconazole Imidacloprid (PTI) Wood Preservative

Product Stewardship Summary

April 2008

CAS Name	Mixture
CAS Number	NA
EINECS Number	NA

- *General description.* Wolman® AG preservative, also known as Propiconazole Tebuconazole Imidacloprid (PTI), is a clear liquid consisting of three carbon-based ingredients. PTI is registered for wood treatment by the U.S. EPA under the Federal Insecticide, Fungicide, and Rodenticide Act.
- *Manufacture.* During production, potential exposure to the concentrate by humans and the environment is tightly controlled and confined through strong industrial hygiene protocols and processes, engineering of the manufacturing equipment, and the use of personal protective equipment.
- *Applications.* This product in liquid form is not sold to consumers. Wood products are impregnated with PTI through pressure treatment in licensed facilities.
- *Benefits.* Wood treated with PTI protects against damage from termites and fungal decay. Such treatments extend the useful life of lumber, plywood, and timbers in exterior, above ground applications such as decks, fences, walkways, landscaping, outdoor furniture, posts, and building columns. By increasing the longevity of wood, this preservative makes structures safer, and because fewer natural resources are used, reduces the impact on the environment.
- *General precautions.* PTI as an unapplied liquid concentrate is slightly toxic if swallowed. It is a mild skin irritant and may be absorbed

through the skin. This is unlikely to cause harmful effects unless contact is prolonged, repeated, and extensive. PIT is slightly toxic by inhalation and there can be slight irritation through inhalation of mist or aerosol. Exposure to the liquid concentrate is expected to cause mild to moderate eye irritation, mild skin irritation with the possibility of burns, and must be rinsed off immediately. The irritation and/or burns will not occur from handling treated wood.

PTI concentrate is not a skin sensitizer. Based on toxicological evaluations and risk assessments of the product components, PTI is not expected to be genotoxic, not cause reproductive or developmental toxicity, nor be carcinogenic.

Based on evaluations of the active components of the product, unapplied PTI liquid is expected to be toxic to fish and other aquatic organisms. However, the concentrate is only applied to wood thus greatly reducing the chance for this route of exposure. Once impregnated into wood products, the potential for significant aquatic effects is not considered likely.

- *Likelihood of exposure.* Although most transfers of the chemical are contained in enclosed spaces, exposure to the chemical could occur at a manufacturing facility, treating plant, and site of an accidental release during shipment. After treatment, a large percentage of the chemical becomes part of the wood. Small amounts may leach from wood. For exposures to treated wood, see Material Safety Data Sheets on the finished products.
- *Risk management.* This product is not for individual sale. It is for industrial use only. The population that is exposed to the concentrate is highly trained and wears the proper personal protective equipment to control the hazards. The amount contained in wood products does not pose a human health or environmental hazard.

For additional information, please visit our web site at [www.archchemicals.com](http://www.archchemicals.com) and click on "Contact Us".

This summary is intended to give general information about the chemical or categories of chemicals addressed. It is not intended to be, and should not be relied upon as, a substitute for the detailed health and safety information contained in the Material Safety Data Sheet (or any other required hazard communication material) for this

product, which should be consulted before use of the chemical or treatment for exposure. As with any product, it is very important to read and carefully follow all label directions and warnings. This summary does not amend, modify, or replace required regulatory and/or legal communication documents.

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