



## Evaluation Report for Category B, Subcategory 4.1 Application

**Application Number:** 2008-0017  
**Application:** Conversion of conditional to full registration without consultation  
**Product:** Wolman NB  
**Registration Number:** 27132  
**Active ingredients (a.i.):** Tebuconazole (TEU) and Copper, present as copper monoethanolamine complexes (CUR)  
**PMRA Document Number :** 1903300

### Purpose of Application

The purpose of this application was to convert the product Wolman NB (tebuconazole 0.37%; copper, present as copper monoethanolamine complexes 9.25%) from conditional to full registration. Wolman NB was originally granted temporary registration in 2002 in association with the technical grade active ingredient Folicur Technical Fungicide (tebuconazole 95%, Registration number 25763).

### Chemistry Assessment

The chemistry requirements for Wolman NB have been completed.

### Health Assessments

The conversion to full registration does not impact the toxicological profile of the product.

The use of Wolman NB should not result in unacceptable exposure to the active ingredients, copper, present as copper monoethanolamine complexes, and tebuconazole. No unacceptable risk is expected when workers follow the label directions and wear the personal protective equipment identified on the label. In addition, no risks of concern were identified for post-application exposure to treated wood products.

## **Environmental Assessment**

The following environmental deficiencies were noted during the temporary registration of the subject product:

- DACO 8.2.2.4 Analytical methodology – biota
- DACO 8.5.2 Incineration-thermal decomposition at high and low temperatures
- DACO 9.5.2.4.1 Salinity challenge with salmonids
- DACO 9.8.3 Marine algae

Bayer Cropsciences has submitted all of the above studies. The PMRA has determined that the deficiencies identified have been fulfilled. The PMRA does not require any additional environmental data to support the full registration of Folicur Technical Fungicide and its associated end-use product, Wolman NB for use as a heavy duty preservative in the treatment of non-industrial wood products.

## **Value Assessment**

Efficacy data were submitted for three soil block laboratory trials testing three wood species against six different decay fungi as well as two stake tests over a 14-year period from two field sites in Georgia and Florida. Data were also provided from leaching tests, and tests measuring the effects of treatment on wood strength and corrosion of metal fasteners to the treated wood. Overall, the submitted studies demonstrated that Wolman NB provided effective protection for wood in ground contact at 3.3 kg/m<sup>3</sup>. Retention rates of 5.0 kg/m<sup>3</sup> and 1.7 kg/m<sup>3</sup> were found to be effective, but not excessive for ground contact in severe decay environments and in above ground uses respectively. Long term field studies, including wooden stakes and posts in ground contact and above ground tests using Canadian wood species at two Canadian test sites, have been initiated, and running for two to three years. Further data from these confirmatory Canadian field trials are required to be submitted in five years.

## **Conclusion**

The PMRA has evaluated all available information and was able to support the conversion of Wolman NB (Registration number 27132) from conditional to full registration. Value data from ongoing long term field trials will be required to be submitted in five years.

## References

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