

## Evaluation Report for Category B, Subcategory 4.1 Application

**Application Number:** 2010-4146  
**Application:** Conversion to full registration without consultation  
**Product:** Pyrimethanil Technical Fungicide  
**Registration Number:** 28010  
**Active ingredient (a.i.):** Pyrimethanil  
**PMRA Document Number :** 2106569

### Background

Pyrimethanil Technical Fungicide, the active ingredient in Scala SC Fungicide (Registration Number 28011), was granted conditional registration in 2005. Please refer to Regulatory Note REG2006-04, *Pyrimethanil* for a detailed review. All but one of the conditions of registration for Pyrimethanil Technical Fungicide were satisfied under Application Number 2007-1408. Additional information related to the toxicological profile of the environmental metabolite 2-amino-4,6-dimethylpyridine remained as a condition of registration. Please refer to the Evaluation Report and Section 12 notice under Application Number 2007-1408 in the public registry for details.

### Purpose of Application

The purpose of this application was to convert Pyrimethanil Technical Fungicide to full registration. Conversion of the associated end-use product Scala SC Fungicide was assessed in a separate application (Application Number 2010-5853).

### Chemistry Assessment

A chemistry assessment was not required for this application.

### Health Assessment

The environmental metabolite 2-amino-4,6-dimethylpyridine is of low acute oral toxicity ( $LD_{50} > 2000$  mg/kg bw/day). It is not more acutely toxic than the parent compound pyrimethanil.

### Environmental and Value Assessments

Environmental and value assessments were not required for this application.

### Conclusion

The PMRA conducted an evaluation of the subject application and determined that all conditions of registration have been fulfilled; therefore, Pyrimethanil Technical Fungicide was granted full registration.

## References

- 1444437 1998, AE F132593 (soil metabolite of pyrimethanil), code: AE F132593 00 ID99 0001, Bacterial reverse mutation assay, DACO: 4.8
- 1444438 1998, AE F132593 (soil photolysis metabolite of pyrimethanil), code: AE F132593 00 ID99 0001, Rat acute oral toxicity, DACO: 4.8
- 1457582 2007, Detailed toxicology profile of 2-amino-4,6-dimethylpyrimidine, DACO: 4.1
- 1464265 2007, Derek report on pyrimethanil, DACO: 4.8
- 1464266 2007, Derek report on pyrimethanil, DACO: 4.8
- 1951603 2010, Acute oral toxicity study in rats - fixed dose method, DACO: 4.1, 4.2.9

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