

## Evaluation Report for Category B, Subcategory 1.1, 1.3 Application

**Application Number:** 2013-0025  
**Application:** Product chemistry – New source (site) same registrant  
 Product chemistry - Specifications  
**Product:** Folicur Technical Fungicide  
**Registration Number:** 25763  
**Active ingredients (a.i.):** Tebuconazole  
**PMRA Document Number :** 2367557

### Purpose of Application

The purpose of this application was to register a new manufacturing source for Folicur Technical Fungicide resulting in a change in guarantee of the active ingredient tebuconazole.

### Chemistry Assessment

**Common Name:** Tebuconazole  
**IUPAC Chemical Name:** (RS)-1-*p*-chlorophenyl-4,4-dimethyl-3-(1*H*-1,2,4-triazol-1-ylmethyl)pentan-3-ol  
**CAS Chemical Name:**  $\alpha$ -[2-(4-chlorophenyl)ethyl]- $\alpha$ -(1,1-dimethylethyl)-1*H*-1,2,4-triazole-1-ethanol

Folicur Technical Fungicide has the following properties:

Property	Result
Colour and physical state	White solid
Nominal concentration	97 %
Odour	Strong characteristic odour
Density @ 20°C	1.202-1.25 g/mL
Vapour pressure @ 20°C	$1.7 \times 10^{-3}$ mPa
pH	6-9
Solubility in water	32 mg/L (20°C)
n-Octanol/water partition coefficient ( $K_{ow}$ )	Log $K_{ow}$ = 3.70

The chemistry requirements for Folicur Technical Fungicide have been completed.

## Health Assessments

The toxicological profile of Folicur Technical Herbicide from the new source is expected to be similar to that of the previous source. Additional toxicological data were not reviewed or required for this application.

Occupational and food residue assessments were not required for this application.

## Environmental and Value Assessments

Environmental and value assessments were not required for this application.

## Conclusion

The PMRA has completed an assessment of the available information and is able to support the registration of a new manufacturing source for Folicur Technical Fungicide.

## References

PMRA No.	References
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2264542	1994, Folicur, Industrial Active Component; Assay - Capillary Gas Chromatography, DACO: 2.13.1 CBI
2264543	2003, Folicur, Techn.; By-products - Capillary Gas Chromatography, DACO: 2.13.1 CBI
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2264548	2012, Material accountability of technical tebuconazole (AE F069623), DACO: 2.13.2,2.13.3 CBI
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