

## Evaluation Report for Category B Subcategory 1.1 Application

**Application Number:** 2008-1112  
**Application:** B.1.1 – New Source by Same Registrant  
**Product:** BAY NTN 33893 Technical Insecticide  
**Registration Number:** 24468  
**Active ingredients (a.i.):** Imidacloprid (IMI)  
**PMRA Document Number:** 2455154

### Purpose of Application

The purpose of this application was to register an alternate manufacturing site of this registered active ingredient, imidacloprid, by the same registrant.

### Chemistry Assessment

Common name: Imidacloprid  
IUPAC Chemical Name: (E)-1-(6-chloro-3-pyridylmethyl)-N-nitroimidazolidin-2-ylidenamine  
CAS Chemical Name: (2E)-1-[(6-chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine

BAY NTN 33893 Technical Insecticide has the following properties:

Property	Results
Colour and physical state	Colourless to light yellow
Nominal concentration	98.0 %
Odour	Weak characteristic odour
Density	1.54 g/cm <sup>3</sup>
Vapour pressure	4 × 10 <sup>-7</sup> mPa at 20°C
pH	7.8 (2 % suspension)
Solubility in water	510 – 610 mg/L
n-Octanol/water partition coefficient	log Kow = 0.57

The chemistry requirements for BAY NTN 33893 Technical Insecticide have been completed.

### Health, Environmental and Value Assessments

Health, environmental and value assessments were not required for this application.

### Conclusion

The PMRA has evaluated the available information and has determined the new manufacturing site to be acceptable.



## References

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