

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2011-2469
Application: New / Changes TGAI Prod Chemistry-New Source (site) same registrant
Product: Technical Cyazofamid Fungicide
Registration Number: 27983
Active ingredients (a.i.): Cyazofamid (CYF)
PMRA Document Number: 2139492

Purpose of Application

The purpose of this application was to clarify the site of the registered source and to add an alternate source of technical to the registered product, Technical Cyazofamid Fungicide (Registration No. 27983).

Chemistry Assessment

Common name: Cyazofamid
 Chemical name: (IUPAC) 4-chloro-2-cyano-N,N-dimethyl-5-p-tolylimidazole-1-sulfonamide
 (CAS) 4-chloro-2-cyano-N,N-dimethyl-5-(4-methylphenyl)-1H-imidazole-1-sulfonamide

Technical Cyazofamid Fungicide has the following properties:

Property	Results
Colour and physical state	Ivory solid
Nominal concentration	95.3 %
Odour	Odourless
Specific Gravity	1.446 at 20°C
Vapour pressure	1.33×10^{-5} Pa
pH	4.9
Solubility in water	0.107 mg/L at pH 7
n-Octanol/water partition coefficient	log Kow = 3.2 at 25°C

The chemistry requirements for Technical Cyazofamid Fungicide have been completed.

Health, Environmental and Value Assessments

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

Conclusion

The PMRA has reviewed the information provided in support of this application and has determined that the clarification of the site of registered source and the addition of an alternate source of the technical for Technical Cyazofamid Fungicide are acceptable.

References

Studies/Information Provided by Applicant/Registrant

PMRA #	Reference
1140498	2001, Description of Materials Used to Produce the Product/Technical Cyazofamid (IKF-916), DACO: 2.11.1,2.11.2 CBI
1140499	2001, Description of Manufacturing Process/ Technical Cyazofamid (IKF-916), DACO: 2.11.3 CBI
1140500	2001, Discussion of Formation of Impurities/Technical Cyazofamid (IKF-916), DACO: 2.11.4 CBI
1140501	2001, Certified Limits/ Technical Cyazofamid (IKF-916), DACO: 2.12.1 CBI
1140503	1999, IKF-916 - Method Validation [Determination of AI and Related Impurities in IKF-916 TGAI by [CBI REMOVED], DACO: 2.13.1 CBI
1140504	1999, IKF-916 - Method Validation [Determination of [CBI REMOVED] in IKF-916 by [CBI REMOVED]], DACO: 2.13.1 CBI
2066745	2009, IKF-916 TGAI, Five-Batch Analysis, DACO: 2.13.3 CBI
2105009	2005, Certificate of Analysis - Impurity 1 COA, DACO: 2.13.2 CBI
2105010	2005, Certificate of Analysis - TGAI, DACO: 2.13.2 CBI
2105015	2011, Manufacturers name and address, DACO: 2.2 CBI
2105016	2009, Certificate of Analysis - Impurity 2 COA, DACO: 2.13.2 CBI
2105017	2009, Certificate of Analysis - Impurity 3 COA, DACO: 2.13.2 CBI
2105020	2009, Certificate of Analysis - Impurity 4 COA, DACO: 2.13.2 CBI
2105021	2009, Certificate of Analysis - Impurity 5 COA, DACO: 2.13.2 CBI
2105022	2009, Certificate of Analysis - Impurity 6 COA, DACO: 2.13.2 CBI
2105024	2007, Certificate of Analysis - Impurity 7 COA, DACO: 2.13.2 CBI
2105025	2011, Certificate of Analysis – [CBI REMOVED] Manufacturing Statement, DACO: 2.13.3 CBI
2137477	2011, DACO 2.13.3 Technical Cyazofamid Fungicide Batch Data Manufacturing Site and Date of Manufacture, DACO: 2.13.3 CBI

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