

Evaluation Report for Category B, Subcategory 1.1 Application

Application Number: 2019-0294
Application: Application for new technical grade active ingredient (TGAI); new source.
Product: ADAMA Captan Technical II
Registration Number: 33567
Active ingredients (a.i.): Captan
PMRA Document Number: 3036700

Purpose of Application

The purpose of this application was to register a new technical product, containing captan.

Chemistry Assessment

Common Name: captan
 IUPAC* Chemical Name: *N*-(trichloromethylthio)cyclohex-4-ene-1,2-dicarboximide
 CAS† Chemical Name: 3a,4,7,7a-tetrahydro-2-[(trichloromethyl)thio]-1*H*-isoindole-1,3(2*H*)-dione

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Adama Agricultural Captan Technical II has the following properties:

Property	Result
Colour and physical state	Dirty white solid
Nominal concentration	98.4 %
Odour	Pungent odour
Specific gravity	1.74 at 26°C
Vapour pressure	0.0042 mPa at 20°C
pH	6 – 8
Solubility in water	4.9 mg/L
n-Octanol/water partition coefficient	log K _{ow} = 2.57

The required chemistry data for ADAMA Agricultural Captan Technical II have been provided, reviewed, and found to be acceptable.

Health, Environmental and Value assessments

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

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information sufficient to register ADAMA Captan Technical II.

References

PMRA

Document

Number	Reference
2954527	2019, Chemistry-2.1, 2.2, 2.3, 2.3.1-ADAMA Captan II-18jan2019, DACO: 2.1,2.2,2.3,2.3.1
2954528	2018, Product Identity and Composition, Description of the Materials Used, Description of the Production Process, Discussion of the Formation of Impurities, Certified Limits, and Enforcement Analytical Method for Captan Technical, DACO: 2.11.1,2.11.2,2.11.3,2.11.4,2.12.1,2.4,2.5,2.6,2.7,2.8,2.9 CBI
2954529	2013, Qualitative and Quantitative Profile of the Test Substance Captan Technical (Five Batch Analysis), DACO: 2.13.1,2.13.2,2.13.3,2.13.4 CBI
3024886	2019, Chemistry-2.13.3-ADAMA Captan II-16aug2019, DACO: 2.13.3 CBI
3024887	2019, Statement of Production of Captan TC16aug2019, DACO: 2.13.3 CBI

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