

Evaluation Report for Category B, Subcategory B.1.1 Application

Application Number: 2016-0786
Application: Changes to TGAI Product Chemistry-New Source (site), same registrant
Product: Mancozeb Technical Fungicide
Registration Number: 19788
Active ingredients (a.i.): mancozeb
PMRA Document Number: 2692163

Purpose of Application

The purpose of this application is to add a new manufacturing site to the technical grade active ingredient (TGAI), Mancozeb Technical Fungicide.

Chemistry Assessment

Common Name: Mancozeb
IUPAC* Chemical Name: manganese ethylenebis(dithiocarbamate) (polymeric) complex with zinc salt
CAS† Chemical Name: [[2-[(dithiocarboxy)amino]ethyl]carbamodithioato(2-)-κS,κS']manganese mixture with [[2-[(dithiocarboxy)amino]ethyl]carbamodithioato(2-)-κS,κS']zinc

* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Mancozeb Technical Fungicide has the following properties:

Property	Result
Colour and physical state	Greyish-yellow solid
Nominal concentration	93%
Odour	Not available
Specific gravity	1.99
Vapour pressure	<0.0133 mPa (20°C)
pH	Not applicable
Solubility in water	6.2 mg/L (pH 7.5, 20-25°C)

Property	Result
n-Octanol/water partition coefficient	Log K _{ow} = 0.26

The chemistry requirements for this product have been fulfilled.

Health Assessments

Because the new manufacturing site produces a chemically equivalent product, no toxicological data were submitted or required.

Environmental Assessment

Environmental risk associated with end-use products manufactured with this TGAI is not expected to increase with the new manufacturing site.

Value Assessment

A value assessment was not required for this submission.

Conclusion

The Pest Management Regulatory Agency has completed an assessment of the information provided in support of the new manufacturing site for Mancozeb Technical Fungicide. The information was deemed sufficient to support the amendment to the product registration.

References

None

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