



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 23549-2009

**Propiconazole emulsifiable concentrates
(English Translation)**

Issued on: January 1, 1970

Implemented on: January 1, 1970

**Issued by: State Administration for Market Regulation, China National
Standardization Administration**

Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Technical requirements

Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules of Standardization Documents" drafted:

This document replaces GB/T 23549-2009 "Propiconazole EC", compared with GB/T 23549-2009, except for structural adjustment and editorial in addition to the changes, the main changes are as follows:

- The mass fraction of propiconazole was revised from 25.0% to 25.0% and 50.0% (see 4.2, 3:2 of the:2009 edition):
- The pH range is revised from 4:0 to 9:0 to 4:0 to 8:0 (see 4.2, 3:2 of the:2009 edition):
- Increase persistent foaming control items (see 4.2, 3:2 of the:2009 edition):
- Increase the pH value measurement item in the thermal storage stability test (see 5.10):

Please note that some content of this document may be patented: The issuing agency of this document assumes no responsibility for identifying patents:

1 Scope

This document specifies the technical requirements, test methods, acceptance and quality assurance period of propiconazole EC, as well as marking, labeling, packaging and storage and transportation:

This document is applicable to the quality control of propiconazole EC products, and can also be used as a guide for trade, conformity assessment and management activities between supply and demand:

in accordance with:

Note: See Appendix A for other names, structural formulas and basic physicochemical parameters of propiconazole:

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text: Among them, dated citations documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to this document:

GB/T 1600-2021 Method for Determination of Moisture of Pesticide GB/T 1601 Determination method of pH value of pesticides GB/T 1603 Method for Determination of Stability of Pesticide Emulsion GB/T 1604 Rules for the acceptance of commercial pesticides GB/T 1605-2001 Sampling method for commercial pesticides GB 4838 Pesticide EC Packaging GB/T 8170-2008 Numerical Rounding Rules and Representation and Judgment of Limit Values GB/T 19136-2021 Determination method for thermal storage stability of pesticides GB/T 19137-2003 Determination method for low temperature stability of pesticides GB/T 28137 Determination method for persistent foaming of pesticides GB/T 32776-2016 Determination method of pesticide density

3 Terms and Definitions

There are no terms and definitions that need to be defined in this document:

4 Technical requirements

4.1

Appearance

This product should be processed by dissolving the standard propiconazole original drug, emulsifier and auxiliary agent in a suitable solvent: should be stable and homogeneous Liquid, without visible suspended matter and sediment:

4.2

Specifications

Propiconazole EC should meet the requirements of Table 1: