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

GB 22176-2008

Replacing GB/T 22176-2008

Pendimethaline mulsifiable concentrate

二甲戊灵乳油

(English Translation)

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Foreword

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

This document replaces GB/T 22176-2008 "Pendimethalin Emulsifiable Concentrate": Compared with GB/T 22176-2008, except for structural adjustment and editing in addition to sexual changes, the main technical changes are as follows:

---Change the mass fraction (%) of pendimethalin in the 330g/L specification from "33:5 2:0-2:0" to "32:2 1:6-1:6"; add 400g/L and 500g/L Two specifications (see 4.2, 3:2 of the:2008 version);

---Changed the pH value indicator (see 4.2, 3:2 of the:2008 version);

---Added durable foaming items and indicators (see 4.2);

---Added provisions for checking whether pendimethalin crystals precipitate in the product (see 5.2, 4:1 of the:2008 version);

---The method for determining the mass fraction of pendimethalin has been changed, and the gas chromatography method has been changed to the arbitration method (see 5.5, 4:3 of the:2008 version);

---Inspection rules added (see Chapter 6):

Please note that some content in this document may be subject to patents: The publisher of this document assumes no responsibility for identifying patents:

1 Scope

This document stipulates the technical requirements, inspection rules, acceptance and quality assurance period of pendimethalin emulsifiable concentrate, as well as the marking, labeling, packaging and storage this article describes the test method for pendimethalin emulsifiable concentrate:

This document applies to the quality control of pendimethalin EC products:

Note: See Appendix A for other names, structural formulas and basic physical and chemical parameters of pendimethalin:

2 Normative reference documents

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

GB/T 1600-2021 Pesticide moisture determination method GB/T 1601 Determination of pH value of pesticides GB/T 1603 Method for determination of stability of pesticide emulsion GB/T 1604 Commercial Pesticide Acceptance Rules GB/T 1605-2001 Sampling methods for commercial pesticides GB 4838 Pesticide emulsifiable concentrate packaging GB/T 8170-2008 Numerical rounding rules and representation and determination of limit values GB/T 19136-2021 Determination method of thermal storage stability of pesticides GB/T 19137-2003 Method for determination of low-temperature stability of pesticides GB/T 28137 Determination method of persistent foaming property of pesticides GB/T 32776 Pesticide density determination method

3 Terms and definitions

There are no terms or definitions to be defined in this document:

4 Technical requirements

4.1

Appearance

Stable homogeneous liquid with no visible suspended solids or precipitation (crystallization) at room temperature:

4.2

Technical indicators Pendimethalin EC should comply with the requirements in Table 1: