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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 15670.8-2017

Replacing GB/T 15670-1995

Toxicological test methods for pesticides registration - Part 8: Acute eye irritation/corrosion test

农药登记毒理学试验方法 第8部分：急性眼刺激性/腐蚀性试验

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Foreword

GB/T 15670 "pesticide registration toxicology test method" is divided into the following sections.

--- Part 1. General principles;

--- Part 2. Acute oral toxicity test Horn's method;

--- Part 3. Acute oral toxicity test sequential method;

--- Part 4. Acute oral toxicity test probability unit method;

--- Part 5. Acute dermal toxicity test;

--- Part 6. Acute inhalation toxicity test;

--- Part 7. Skin irritation/corrosivity test;

--- Part 8. Acute eye irritation/corrosiveness test;

--- Part 9. Skin allergy (sensitization) test;

--- Part 10. Short-term repeated oral toxicity (28 days) toxicity test;

--- Part 11. Short-term repeated transdermal (28 days) toxicity test;

--- Part 12. Short-term repeated inhalation exposure (28 days) toxicity test;

--- Part 13. Subchronic toxicity test;

1 Scope

GB/T 15670.8-2017 is the Chinese national standard on toxicological test methods for pesticides registration - part 8: acute eye irritation/corrosion test, in the field of agriculture. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it

becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 12 July 2017 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 February 2018. Classification: ICS 65.100, CCS B17. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This section GB/T 15670 specifies the basic principles, methods and requirements of acute eye irritation/corrosivity test. This section is for acute eye irritation/corrosivity test for pesticide registration.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB 14925 laboratory animal environment and facilities

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Eye irritation eyeirritation The reversible inflammatory changes that occurred after the eye surface contacted the test substance recovered completely within 21 days.

3.2 Eye corrosive eyecorrosion Irreversible tissue damage that occurs after the eye surface touches the test substance fails to recover completely within 21 days.

4 Test purposes

Determine and assess whether the test article on the mammalian eye irritation or corrosion effect and extent.

5 Test Overview

The test substance was instilled (put in) into one eye conjunctiva of each experimental animal in a single dose, and the untreated eye on the other side was taken as Self-control. During the prescribed time interval, the degree of irritation and corrosion of the animal's eyes was observed and scored to evaluate the effect of the test substance on the eyes The duration of the observation should be sufficient to evaluate the reversibility or irreversibility of the stimulus effect.

6 Test methods

6.1 Test substance Liquid test substance generally do not need dilution, the direct use of stock solution, the amount of exposure to 0.1mL. If the test substance is solid or granular, should be research Ground into fine powder, the dose should be 0.1mL or 100mg. Aerosol products need to open the rabbit eyes, 10cm in front of the eye, the rabbit eye alignment