

GOVERNMENT NOTICE No. 110

REPUBLIC OF TRINIDAD AND TOBAGO

THE STANDARDS ACT, 1972

PUBLICATION OF STANDARD

The Standard declared by the Trinidad and Tobago Bureau of Standards on 21st April, 1978 and referred to as TTS 6 20 500—1978 is as required by section 19(3) of the Standards Act, 1972 published hereunder:—

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- 0 FOREWORD
- 0.1 These requirements were declared a Trinidad and Tobago Standard with effect from 21st April, 1978 when the draft finalized by the *Ad Hoc* Committee on Specifications for Mosquito Coil was approved by the Standards Council.
- 1.0 SCOPE
- 1.1 This standard specifies the requirements, sampling, test methods, labelling and packaging of mosquito coil containing pyrethrum or allethrin.
- 2.0 DEFINITIONS
- 2.1 For the purpose of this standard the following definitions shall apply:
- 2.1.1 *Eye*—Perforation on mosquito coil intended for use with the stand provided.
- 2.1.2 *Twin*—Two interlocking mosquito coils.
- 3.0 REQUIREMENTS
- 3.1 GENERAL CHARACTERISTICS
- 3.1.1 The mosquito coil shall not be so brittle that manual separation of individual coils shall cause them to break.
- 3.1.2 If the coils are in "twin" form they shall remain intact after being dropped from a height of 1.5 metres, with the plane of the coil horizontal, on a smooth concrete surface or a similarly constructed hard surface.
- 3.2 ACTIVE CONSTITUENTS
- 3.2.1 All mosquito coils shall contain not less than 0.35 per cent by mass of pyrethrin, or 0.5 per cent by mass of allethrin, as determined by the method prescribed in Appendix A.
- 3.2.2 No other insecticides may be used in mosquito coils.
- 3.2.3 All constituents used in the manufacture of mosquito coils, and the resultant smoke or vapour forming on burning, shall not be significantly harmful to human beings.
- 3.3 BIOLOGICAL EFFICACY
- 3.3.1 The vapour or smoke given off during the normal course of burning a mosquito coil shall have a knock-down (after 20 minutes) of not less than 90 per cent and kill, of the female mosquitoes—*Aedes aegypti*, *Culex*, *Pipiens*, *Fatigans* and *Anopheles* (after 24 hours) of not less than 50 per cent when tested by the method prescribed in Appendix B.
- 3.4 BURNING TIME
- 3.4.1 The mosquito coil when lit in accordance with the manufacturers' instructions given on the label or in accompanying brochures or leaflets in the package shall burn continuously in a non-ventilated room (that is without draught) for not less than 7.0 hours.