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Utility lighters — General consumer-safety requirements

Briquets utilitaires — Exigences générales de sécurité

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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 22702 was prepared by Technical Committee ISO/TC 61, *Plastics*.

Introduction

This consumer-safety specification covers all flame-producing consumer products commonly known as utility lighters (also known as grill lighters, fireplace lighters, lighting rods or gas matches), and similar devices. This specification establishes requirements for utility lighters to ensure a reasonable degree of safety for normal use or reasonably foreseeable misuse of such lighters by users.

Utility lighters, being flame-producing devices, can, as do all flame sources, present a potential hazard to the user. This specification cannot eliminate all hazards, but is intended to minimize potential hazards of utility lighters to users.

Utility lighters — General consumer-safety requirements

WARNING — This International Standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

1 Scope

This consumer-safety specification covers all flame-producing consumer products commonly known as utility lighters (also known as grill lighters, fireplace lighters, lighting rods or gas matches), and similar devices, as defined in 2.6. Matches are specifically excluded from this safety specification; flame-producing products intended for igniting cigars, pipes and cigarettes are also specifically excluded from this safety specification.

2 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

2.1
valve
component of a utility lighter that controls the input or release of fuel

2.2
nozzle
end of the fuel discharge system

2.3
flame height
linear distance from the tip of the visible flame to the end of the shield

2.4
flaring
variation of flame height from the steady-state flame condition

2.5
ignite
to produce a flame with a utility lighter by activating the self-contained ignition and fuel release systems of that utility lighter in the intended manner

2.6
utility lighter
hand-held, flame-producing device with a manually-operated ignition system, 100 mm or greater in length when in the fully extended position, employing a fuel as defined in 2.9, used primarily to ignite items such as candles, fuel for fireplaces, charcoal- or gas-fired grills, camp stoves, lanterns, fuel-fired appliances or devices and/or pilot lights

2.7
utility lighter, adjustable
utility lighter that is received by the consumer with a mechanism for the user to manually vary the height of the flame