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Second edition  
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## Safety of toys —

Part 10:

## Experimental sets for chemistry and related activities

*Sécurité des jouets —*

*Partie 10: Coffrets d'expériences chimiques et activités connexes*



Reference number  
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ISO copyright office  
CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
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## Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 181, *Safety of toys*.

This second edition cancels and replaces the first edition (ISO 8124-10:2019), which has been technically revised. The main changes are given in [Annex C](#).

A list of all parts in the ISO 8124 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

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## Introduction

This document is largely based upon an existing standard in the European Union (EN 71-4).

Conformity with the requirements of this document will reduce the risks and health hazards to children when experimental sets involving chemical experiments are used as intended or in a foreseeable way, bearing in mind the behaviour of children.

During use of these experimental sets, hazards should be kept to a minimum by the provision of appropriate information to make the experiments safe and controllable. Therefore, this document specifies warning phrases and instructions for use with experimental sets.

As a general rule, experimental sets are designed and manufactured for particular ages of children. Their characteristics are related to the age and stage of development of the children, and their use presupposes certain aptitudes. Age requirements are therefore given.

The requirements of this document do not release parents or carers from their responsibility of watching over a child while he or she is carrying out experiments. On the contrary, the use of these sets requires close supervision by adults.

Products covered by this document can be subject to legal requirements specific to the jurisdiction in which they are sold and conformity with the requirements in this document cannot be relied on to ensure compliance with those requirements.