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**General rules for consumer product safety information
exchange**

消费品安全信息交换通则

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General rules for consumer product safety information exchange

1 Scope

This document specifies the information content, data element, exchange interface, security policy, etc. of consumer product safety information exchange.

This document applies to all types of organizations conducting consumer product safety information exchange activities.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the version corresponding to that date is applicable to this document; for undated references, the latest version (including all amendments) is applicable to this document.

GB/T 2312, Code of Chinese graphic character set for information interchange - Primary set

GB/T 7408, Data elements and interchange formats - Information interchange - Representation of dates and times

GB/T 30135, Description specification on the risk information of consumer products safety

3 Terms and definitions

The following terms and definitions are applicable to this document.

3.1

Consumer product

Products designed and produced for, mainly but not limited to, personal use.

Note: Including product components, parts and assemblies, accessories, instructions for use and packaging.

[Source: GB/T 35248-2017, 2.2, modified]

3.2

Consumer product safety

The state of a consumer product exempt from unacceptable risk.

[Source: GB/T 28803-2012, 3.4]

3.3

Data

A formalized representation of a fact, concept or instruction, which is appropriate for communication, interpretation or processing in a manual or automatic manner.

[Source: GB/T 15191-2010, 3.7]

3.4

Data element

A data unit whose definition, identification, representation and allowable values are specified by a set of attributes.

[Source: GB/T 18391.1-2009, 3.3.8]

3.5

Data type

A set of distinguishable values characterized by the properties of these values and the operations on them.

[Source: GB/T 18391.1-2009, 3.3.11]

3.6

Data exchange

The process of providing data to each other between various entities.

[Source: GB/T 36107-2018, 3.1]

4 Consumer product safety information

Consumer product safety information can be divided into the following four categories:

- a) basic information;

- b) hazard information;
- c) injury result information;
- d) additional information.

The description of consumer product safety information shall comply with the provisions in GB/T 30135.

5 Data element

5.1 Data information

Consumer product safety data information includes basic information, hazard information, injury result information and additional information.

- a) Basic information

Refers to basic information such as consumer product, user, and use environment, among which basic information of consumer product includes product name, manufacturer name, etc.; basic information of user includes user age, user gender, etc.; basic information of use environment includes injury accident location, accident activities, etc.

- b) Hazard information

Refers to hazard information such as human factors, physical factors and environmental factors, among which hazard information of human factor includes psychological and physiological factors, behavioral factors, etc.; hazard information of physical factors includes physical hazards, chemical hazards, biohazards, etc.; hazard information of environmental factor includes indoor environmental hazards, outdoor environmental hazards, etc.

- c) Injury result information

Including contents such as injury type, injury degree and injury cause.

- d) Additional information

Including contents such as hazards description, injury results description and injury reasons description.

5.2 Data type

The data types and descriptions are shown in Table 1.

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