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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

HJ/T 420-2008

**The guidelines for the generic name of new chemical
substances**

新化学物质申报类名编制导则

(English Translation)

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Foreword

To implement the "Environmental Administration of New Chemical Substances" to regulate the registration of new chemical substance notification, while the conservative declaration and registration of new chemical substances the trade secrets and technical secrets, the development of this standard.

This standard specifies the method for the preparation of new chemical substances declaration and registration of new chemical substance notification class name.

The technical content of this standard mainly related art internationally accepted method of reporting new chemical substances, and to learn from our existing chemicals Added list of quality preparation and experience new chemical substances reviewed.

The Standard Appendix A, Appendix B and Appendix C are informative appendix.

This standard is the first release.

This standard is a guiding standard.

This standard was proposed by the State Environmental Protection Administration of Science, Technology.

Drafting of this standard. National Chemical Registration Center of SEPA.

This standard SEPA January 15, 2008 for approval.

This standard since April 1, 2008 implementation.

This standard is interpreted by the State Environmental Protection Administration.

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1 Scope

This standard specifies the method for the preparation of new chemical substances declaration and registration of new chemical substance notification class name.

This standard applies to the preparation of a new chemical substance notification registration of new chemical substance notification class name in. New chemical substances declaration and registration of new chemical Substance Notification class name may also refer to the assessment of the present standard.

2 Normative references the standard content of the following documents cited in the articles.

"Environmental Management of New Chemical Substances" (SEPA Order No. 17)

3 Terms and Definitions the following terms and definitions apply to this standard.

New chemical substances new chemical substance "Environmental Administration of New Chemical Substances" called new chemical substances, ie before 15 October 2003 has not been imported into the People's Republic of China and the national territory or in the territory of People's Republic of China has not yet produced chemicals.

New Chemical Substance Notification class name generic name of new chemical substance Replace the declaration of new chemical substances registration of new chemical substances chemical name appears in the open literature, reflecting the basic of new chemical substances Category and can learn the name of trade secrets or technical secrets prompted by the conservative new chemical substances chemical name. Declare class names include Chinese class declaration English name and declare the class name.

New chemical substances chemical name chemical name of new chemical substance English chemical name of the new chemical substances generally refers to the International Union of Pure and Applied Chemistry (IUPAC) compliance with (International Union of Pure and Applied Chemistry, IUPAC) Federation (International Union of Biochemistry and Molecular Biology or Biochemistry and international Molecular Biology, IUBMB) nomenclature recommended name, or the use of Chemical Abstracts (Chemical Abstracts, CA) for the the name should be retrieved (Index Name); Chinese chemical name means a National Science and Technology Terminology Committee or recommendation of the Department of the Chinese Chemical Society EC law naming names.

Dyes and pigments new chemical substances, their index numbers considered as part of the chemical name of the substance.

Without determining the chemical structure of the new chemical substance, when reporting about the source or precursor chemicals, the production process or process conditions, etc.

The defining aspect considered part of the description of the chemical substance name.

We have determined the chemical structure of the new chemical substances new chemical substance with a definite chemical structure it can be represented by the formula to determine the structure of the new chemical substance. Its chemical name is typically reveals the following structural information.

Structure type (such as a) the basic structure. the carbon chain or ring system ligand metal, etc.);

b) replace the type, quantity and location of the group's basic structure or chemical groups on the other;

c) the type and quantity of ions;

d) stereochemical information.

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Without determining the chemical structure of the new chemical substances new chemical substance without a definite chemical structure its structure can not be represented by the structure of the new chemical substance is determined, usually the reaction product of complex chemical composition is unknown or uncertain or biological substances. Its chemical name is typically reveal the following information.

- a) the source of chemical substances or precursors;
- b) the production process or chemical process conditions.

General provisions 4 new chemical substance notification class name 4.1 for new chemical substances chemical name is based, is not contrary to the new chemical substances chemical name, as reflected in the chemical class, and do not cover Cover new chemical substances and chemical properties or chemical name as reflected in the basic structure.

4.2

can be hidden or generic descriptor closest alternative chemical names represent various chemical structural characteristics, material sources, production workers Arts and procedures, etc. specific descriptor.

4.3

usually only conceal or alternative chemical name of 1 to 2 specific descriptor.

4.4

If only 1 to 2 Confidential specific descriptor reach full confidentiality specific purpose of the new chemical substance information, and explain the reasons, you can mention A double or multiple confidential reporting class name.

4.5

can not simply new chemical substances or chemical products containing new chemical substances under the trade name, common name, abbreviated name indicates (if such a name Said that does not comply with the provisions of 4.1), it can not simply letters or numbers and other symbols.

4.6

as far as possible avoid the use of chemical substances and announced a new declaration to declare the class name the same class name.

Declare the class name specified 5 have determined the chemical structure of the new chemical substances

5.1 The basic structure of the type General descriptors can replace chemical name shows the basic structure of specific descriptors. Such as. alkyl or alkane (alkyl or alkane), an alkenyl group, or an olefin (alkenyl or alkene), alkyne or alkynyl group (alkynyl or alkyne), a monocyclic group or a monocyclic (carbomono-cyclic or carbomonocycle), polycyclic group