

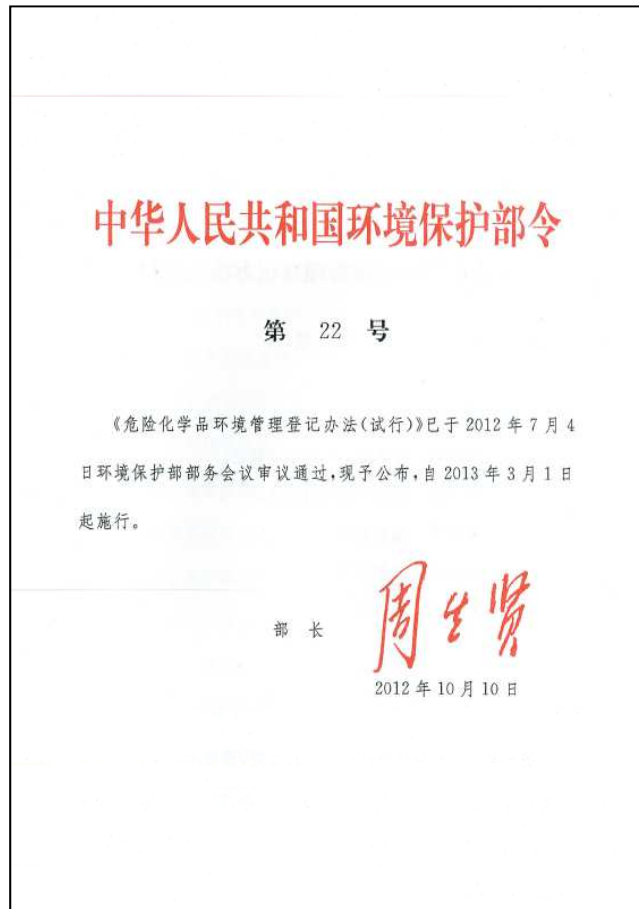


II. “Measures on the Environmental Management Registration of Hazardous Chemicals (Trial)”

- (I) Legislation Targets**
- (II) Main Contents**
- (III) Supporting Documents for Implementation**



II. “Measures on the Environmental Management Registration of Hazardous Chemicals (Trial)”



- Issued by: MEP
- Issued on: October 10th, 2012
- Effective as of: March 1st, 2013
- Form: No. 22 Ministerial Order
- Title: “Measures on the Environmental Management Registration of Hazardous Chemicals (Trial)”
- Frame: 42 articles, 6 chapters



(I) Legislation Targets

- 📄 To strengthen environmental management of hazardous chemicals, prevent and eliminate their hazard to environment and human health, and prevent environmental risks.**
- Dynamically grasp the situation of actual production, use and environmental status of hazardous chemicals
- Obtain the data on annual release and transfer of hazardous chemicals under key environmental management
- Adopt various measures to urge the enterprises to reduce the environmental release of hazardous chemicals under key environmental management and improve their anti-risk capability



(II) MAIN CONTENTS — APPLICATION SCOPE

① Scope of chemical products:

- Hazardous chemicals listed in the “Catalogue of Hazardous Chemicals”

② Scope of enterprises:

- Manufacturers of hazardous chemicals
- Enterprises using hazardous chemicals in production
- Enterprises importing/exporting hazardous chemicals



(II) MAIN CONTENTS — APPLICATION SCOPE

Classification Management:

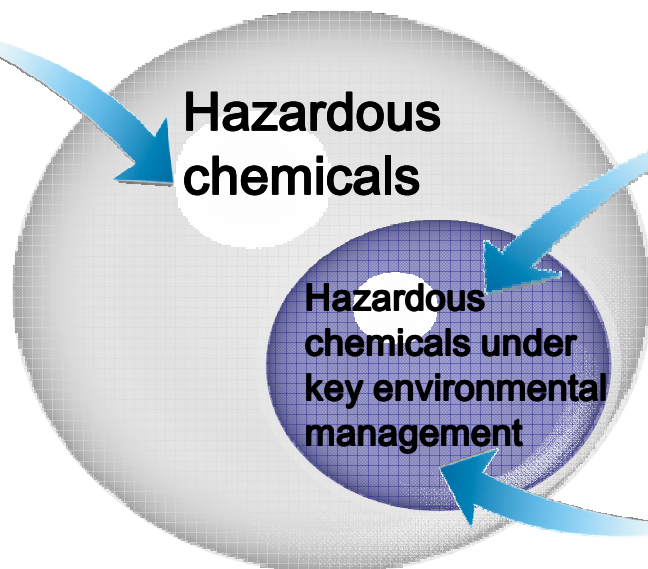
- **Hazardous chemicals under key environmental management:** the “Catalogue of Hazardous Chemicals” shall be formulated and announced by MEP based on their hazard properties and level of environmental risks, the Catalogue may be adjusted in appropriate time.
- **Other hazardous chemicals:** the hazardous chemicals other than those under key environmental management.



(II) MAIN CONTENTS — CORE SYSTEMS

Environmental Registration System

For grasping the situation of the production and use of hazardous chemicals based on the registered information on the types and quantities of hazardous chemicals, the classification of the hazard properties, as well as the production and use, etc.



Environmental Risk Assessment System

Further grasp the enterprises' capability and level of risk control, so as to provide support for multi-tier risk management for preventing environmental risks.

Release/Transfer Reporting System

Information disclosure is for promoting the enterprises' reduction of environmental release of hazardous chemicals under key environmental management, which is the continual post-registration management universally practiced in international chemical environmental management.



(II) MAIN CONTENTS — CORE SYSTEMS

➤ Environmental Registration System

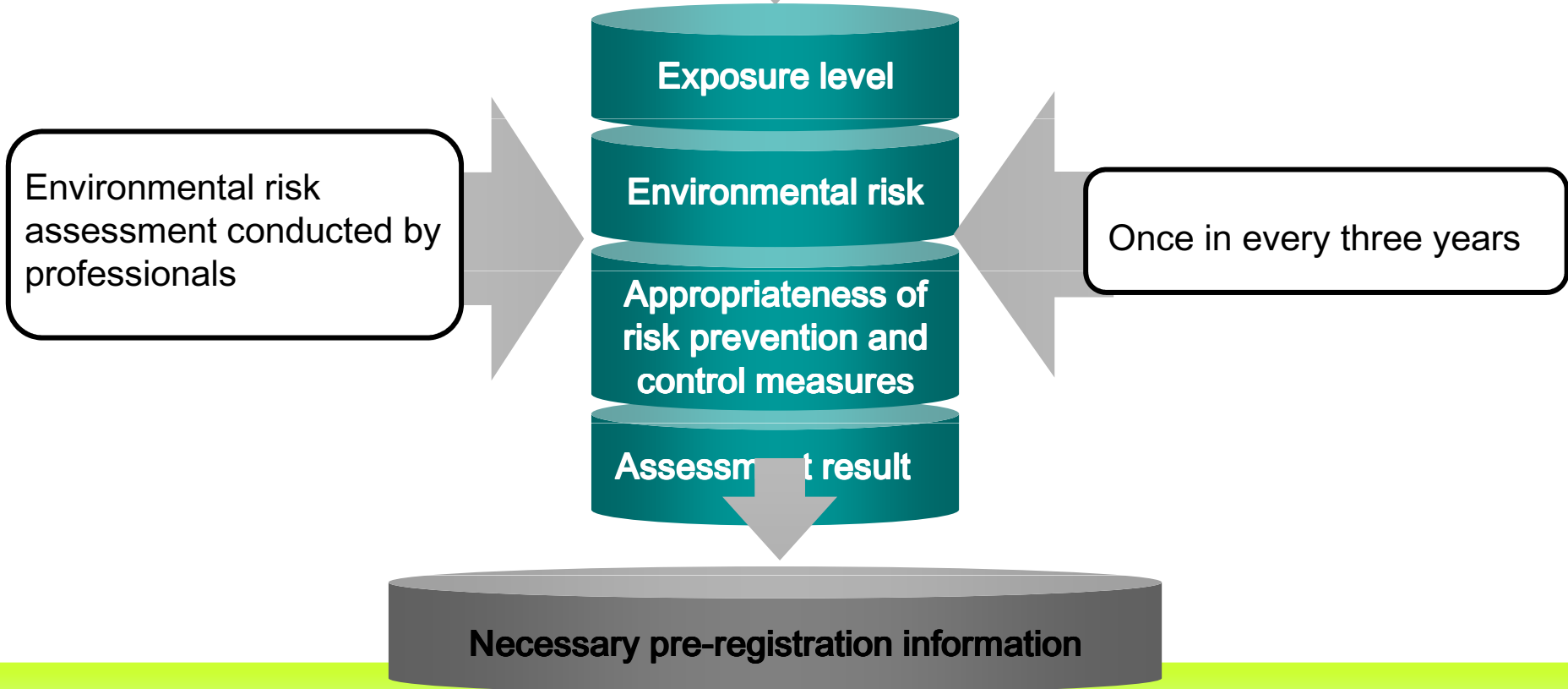
- **Targets:** All producers and users of hazardous chemicals
- **Registration Period:** Once in three years
- **Outcome:** Issuance of Registration Certificate
- **Contents:**
 - Data on production and use of hazardous chemicals and environmental status
 - **Environmental Risk Assessment Report** is required for hazardous chemicals under key environmental management



(II) MAIN CONTENTS — CORE SYSTEMS

➤ Environmental Risk Assessment System

Hazardous chemicals under key environmental management





(II) MAIN CONTENTS — CORE SYSTEMS

➤ Release/Transfer Reporting System

- **Targets:** Producers and users of hazardous chemicals under key environmental management
- **Time:** By January 31st each year
- **Contents:**
 - Release/Transfer Report Form
 - Relevant audit data



(III) Supporting Document — General Situation

Registration System

- ① Registration Application Form (to be filled in by enterprises)
- ② Registration Certificate

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Risk Assessment System

- ③ Hazardous chemicals under key environmental management Guide for Environmental Risk Assessment (third-party)

Annual Report

- ④ Release/Transfer Report Form (to be filled in by enterprises)
- ⑤ Plan for Environmental Risk Prevention and Control (to be submitted by enterprises)

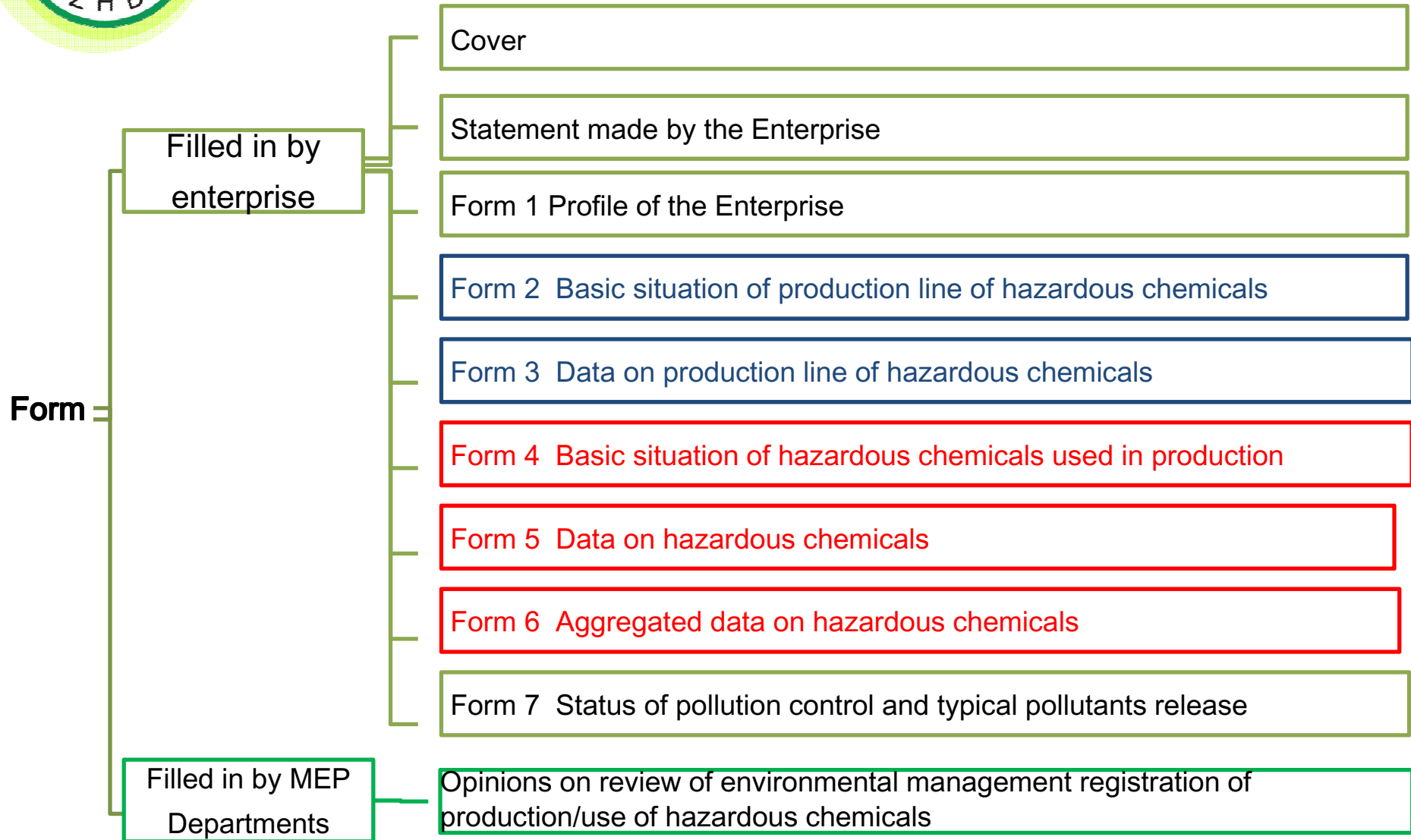
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Scope of chemical substances

- ⑥ Catalogue of Hazardous Chemicals under Key Environmental Management
- ⑦ Catalogue of Hazardous Chemicals



1. Registration Application Form





2. Registration Certificate

Registration Certificate: original and duplicate, equally effective

- ✓ Original: 1 page, size in A3, to be hung up
- ✓ Duplicate: 1 volume, size in A4

Content: basic information of the enterprise, type of hazardous chemicals used/produced, environmental management requirements, etc.

Original

	
危险化学品生产使用 环境管理登记证	
企业名称 :	
组织机构代码 :	
法定代表人 :	
注册地址 :	
生产设施地址 :	
登记的危险化学品 :	
登记证号 :	
有效期限 :	
发证机关 :	
(发证机关印章) 年 月 日 <small>中华人民共和国环境保护部监制</small>	

Duplicate

	
危险化学品生产使用 环境管理登记证 (副本)	
中华人民共和国环境保护部监制	

说 明	
一、生产使用环境管理登记证包括一份正本和一份副本。正本和副本具有同等法律效力。	
二、登记证不得伪造、变造、转让。	
三、登记证应妥善保管，不得遗失。	
四、登记证持有人应在登记的危险化学品品种、活动类型、规模范围内从事危险化学品的生产或者使用活动。	



3. Release/Transfer Report Form

**Release/
Transfer
Report
Form**

Form 1 Profile of the Enterprise

Profile of the Enterprise

Basic data on hazardous chemicals under key environmental management

Form 2 Release/Transfer of Hazardous Chemicals under Key Environmental Management and Typical Pollutants

Data on release/transfer

Calculation process

Form 3 Aggregated data on release/transfer

Form 4 Regional situation of release/transfer of hazardous chemicals under key environmental management

Form 5 Regional situation of release/transfer of typical pollutants

Form 6 Aggregated data of enterprises in each region

Form 7 Aggregated data of industries in each region



4. Plan for Environmental Risk Prevention and Control

➤ Main Contents:

Fulfillment of environmental management requirements

- Fill in each column concerning the fulfillment of the environmental management requirement as stated in the Registration Certificate. Illustrate the reasons for unfulfilled items.

Implementation of previous year's Plan for Environmental Risk Prevention and Control

- Implementation progress and effects as well as existing problems. Illustration the reasons for unfinished plan.

Current year's Plan for Environmental Risk Prevention and Control

- Describe the contents, expected outcome and arrangement of each plan.



5. Guide for Formulation of Environmental Risk Assessment

Basis for formulation

“Guide for Formulation of Environmental Risk Assessment of Hazardous Chemicals under Key Environmental Management (Trial)” (**HuanBan [2013]28**)

Concept and connotation

Environmental risk assessment of hazardous chemicals under key environmental management: mainly focused on the long-term potential adverse effects on external environment and human health caused by enterprises' daily environmental release of hazardous chemicals under key environmental management in the process of production/use, at the same time considering the short-term adverse effects on the environment and human safety caused by environmental accidents due to enterprises' activity.



Table of Contents

I. “The ‘12th Five-Year Plan’ for Prevention and Control of Chemical Environmental Risks”

II. “Measures on the Environmental Management Registration of Hazardous Chemicals (Trial)”

III. “Inventory of Existing Chemical Substances in China” (2013)



“Inventory of Existing Chemical Substances in China”(2013)

索引号:000014672/2013-00075

分类: 环境管理业务信息/污染防治

发布机关: 环境保护部

生成日期: 2013年01月14日

名称: 关于发布《中国现有化学物质名录》的公告

文号: 公告 2013年 第1号

主题词:

环境保护部公告

公告 2013年 第1号

关于发布《中国现有化学物质名录》的公告

根据《新化学物质环境管理办法》（环境保护部令第7号），我部编制了《中国现有化学物质名录》（2013年版），现予以公布。

附件: [中国现有化学物质名录](#)

环境保护部

2013年1月14日

http://www.mep.gov.cn/gkml/hbb/bgg/201301/t20130131_245810.htm



Brief introduction of the “Inventory of Existing Chemical Substances in China” (2013)

Totally 45612 pieces of data on chemical substances are collected in the Inventory, including:

- 3270 pieces of data on substances labeled as confidential, 42342 pieces of data on substances labeled as non-confidential data;
- 31088 pieces of data on substances with structural formula, 14524 pieces of data on substances without structural formula;
- 37126 pieces of data on substances with a CAS number, 8486 pieces of data on substances with a serial number but not a CAS number.



序号	中文名称	中文别名	英文名称	英文别名	分子式	CAS号 或流水号
1412	拜克 A500		BYK-A500			112930-56-4
1413	斑蝥素	(3aα, 4β, 7β, 7aα)-六 氢-3a, 7a-二甲基 -4, 7-环氧异苯并 呋喃-1, 3-二酮; 斑 蝥酸酐	Cantharidine	4,7-Epoxyisobenzofuran-1,3-dione, hexahydro-3a,7a-dimethyl-, (3aα, 4β, 7β, 7aα)-	C ₁₀ H ₁₂ O ₄	56-25-7
1414	半滴乙酯	三氯杀虫 酯; 2, 2, 2-三氯 -1-(3, 4-二氯苯 基)乙基醋酸酯	Actofenate	Penfenate; Plifenate; 2,2,2-Trichloro-1-(3,4-di chlorophenyl)ethyl acetate; Benzenemethanol, 3,4-dichloro-o-(trichloro-methyl)-, acetate	C ₁₀ H ₇ Cl ₃ O ₂	21757-82-4
1415	半二甲酚橙	半二甲酚橘黄	Semixylenol orange	Glycine, N-(carboxymethyl)-N-[[2-hydroxy-5-[3-(4-hy droxy-3-methylphenyl)-3H-2,1-benzoxathiol- 3-yl]-3-methylphenyl]methyl]-S,S-dioxide		19329-67-0
1416	L-半胱氨酸	L-2-氨基-3-巯基 丙酸	L-Cysteine		C ₃ H ₇ NO ₂ S	52-90-4
1417	DL-半胱氨酸盐酸盐	DL-2-氨基-3-巯基 丙酸盐酸盐	DL-Cysteine, hydrochloride		C ₃ H ₇ NO ₂ S·Cl H	10318-18-0
1418	L-半胱氨酸盐酸盐		L-Cysteine, hydrochloride		C ₃ H ₇ NO ₂ S· HCl	52-89-1
1419	L-半胱氨酸与戊二醛的化合物(1:4)		L-Cysteine, compd. with pentanedial (1:4)		C ₃ H ₆ O ₇ ·1/4C ₅ H ₇ NO ₂ S	63149-34-8
1420	D-半乳糖	水解乳糖	D-Galactose		C ₆ H ₁₂ O ₆	59-23-4



Thank you!