



The Latest Policies for Chemical Environmental Management in China

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I. Environmental Situation

1

Emergence of chemical-related environmental problems and serious environmental situation due to frequent occurrence of chemical incidents.

2

Incomplete system of relevant laws and regulations, a national macro strategy concerning chemicals management not formed yet.

3

Insufficient technological support and institutional staffing for chemicals environmental management, weak foundation for environmental management.



I. Environmental Situation

State's Mission

Opinion of the State Council on Strengthening Major Environmental Protection Work” (GuoFa [2011] 35)

- ERA should be conducted as a key element in assessment of hazardous chemical engineering projects.
- Highly toxic and hardly degradable chemicals with high environmental risks should be phased out legally, production and use of high environmental risk chemicals should be restricted.
- Life cycle approach for chemicals environmental management should be enhanced.
- Supervision on key industries releasing POPs should be intensified.



I. Environmental Situation

State's Mission

“The ‘12th Five-Year Plan’ for National Environmental Protection” (GuoFa [2011] 42)

- ❖ Three goals: quantity control, quality improvement and risk prevention
- ❖ To strengthen chemicals environmental supervision
- ❖ To enhance chemical risk prevention and control



II. New Chemicals Registration

Measures for Environmental Management of New Chemical Substances (MEP Order No.7, promulgated in January 2010, entry into force from October 15, 2010)

- Establish the permit requirements for import and production of new chemicals.
- Importer and producer of new chemicals are required to register with Ministry of Environmental Protection, information required to submit including name, hazards properties, risk assessment report, relevant testing report.



II. New Chemicals Registration

**Measures for Environmental Management of New Chemical Substances
(MEP Order No.7, promulgated in January 2010, entry into force from October 15, 2010)**

- ☞ New chemicals are assessed and classified into non-hazardous, hazardous and key hazardous, subject to different management requirements respectively.
- ☞ **Guidelines on the new chemicals registration are now under amendment to establish more reasonable and scientific registration process.**



III. Existing chemicals management

1. Hazardous Chemicals Management
2. Import and export Management
3. Chemicals investigation



III. Existing chemicals management

Core Regulations:

- Regulations on Safety Management of Hazardous Chemicals (2011)
- Measures for Environmental Management Registration of Hazardous Chemicals (2012)



III. Existing chemicals management

Regulations on Safety Management of Hazardous Chemicals

(State Council Order No.591, promulgated in March 2011, entry into force from December 1, 2011)

- Identified the responsibilities of various Ministries in the area of hazardous chemicals management.
- Ministry of Environmental Protection has been given the authority in formulating the measures for environmental management of hazardous chemicals.



III. Existing chemicals management

Regulations on Safety Management of Hazardous Chemicals

(State Council Order No.591, promulgated in March 2011, entry into force from December 1, 2011)

- Having established the environmental registration system for hazardous chemicals
- Having established the pollutants release and transfer reporting (PRTR) system for hazardous chemicals under key environmental administration



III. Existing chemicals management

Measures for Environmental Management Registration of Hazardous Chemicals (MEP Order No.22, promulgated in October 2012, entry into force from March 1, 2013)

- ☞ This is the first time for environmental agencies to collect the producing and using information of chemicals from industry in China.
- ☞ All of the producers and users of hazardous chemicals are required to register with local environmental agencies.
- ☞ Information needed to register including name, hazards properties, production quantity, using quantity of hazardous chemicals and other environment related information of the producer or user.



III. Existing chemicals management

Measures for Environmental Management Registration of Hazardous Chemicals (MEP Order No.22, promulgated in October 2012, entry into force from March 1, 2013)

- Information needed to register including name, hazards properties, production quantity, using quantity of hazardous chemicals and other environment related information of the producer or user.
- Realize a dynamic understanding of the actual production and use of hazardous chemicals and the environmental situation



III. Existing chemicals management

Measures for Environmental Management Registration of Hazardous Chemicals (MEP Order No.22, promulgated in October 2012, entry into force from March 1, 2013)

- The data on annual release and transfer of key hazardous chemicals under key environmental administration are collected through the implementation of PRTR requirements.
- Use various measures to urge the enterprises to reduce the release of hazardous chemicals under key environmental administration into the environment and improve their own capacity of risk control



III. Existing chemicals management

Measures for Environmental Management Registration of Hazardous Chemicals (MEP Order No.22, promulgated in October 2012, entry into force from March 1, 2013)

- 84 types of chemicals have been highlighted as priority hazardous chemicals, due to hazards properties both environmental and health aspects.
- Producers and users of priority hazardous chemicals are required to conduct environmental risk assessment.



III. Existing chemicals management

Environmental Management Registration of the import and export of Hazardous(Toxic) Chemicals

- Import or export chemicals listed in “The Catalogue of Hazardous Chemicals for Which the Import and Export have been Strictly Restricted by China”, the enterprise should apply and be permitted .
- Fulfill obligations of international chemicals conventions, such as PIC, POPs.



III. Existing chemicals management

Environmental Management Registration of the import and export of Hazardous(Toxic) Chemicals

The materials required to provide include :

- Registration application form;
- Photocopies of business license;
- Certificate of import and export qualification;
- Import and export contracts;
- Environmental management registration certificates of domestic producers or users and etc.



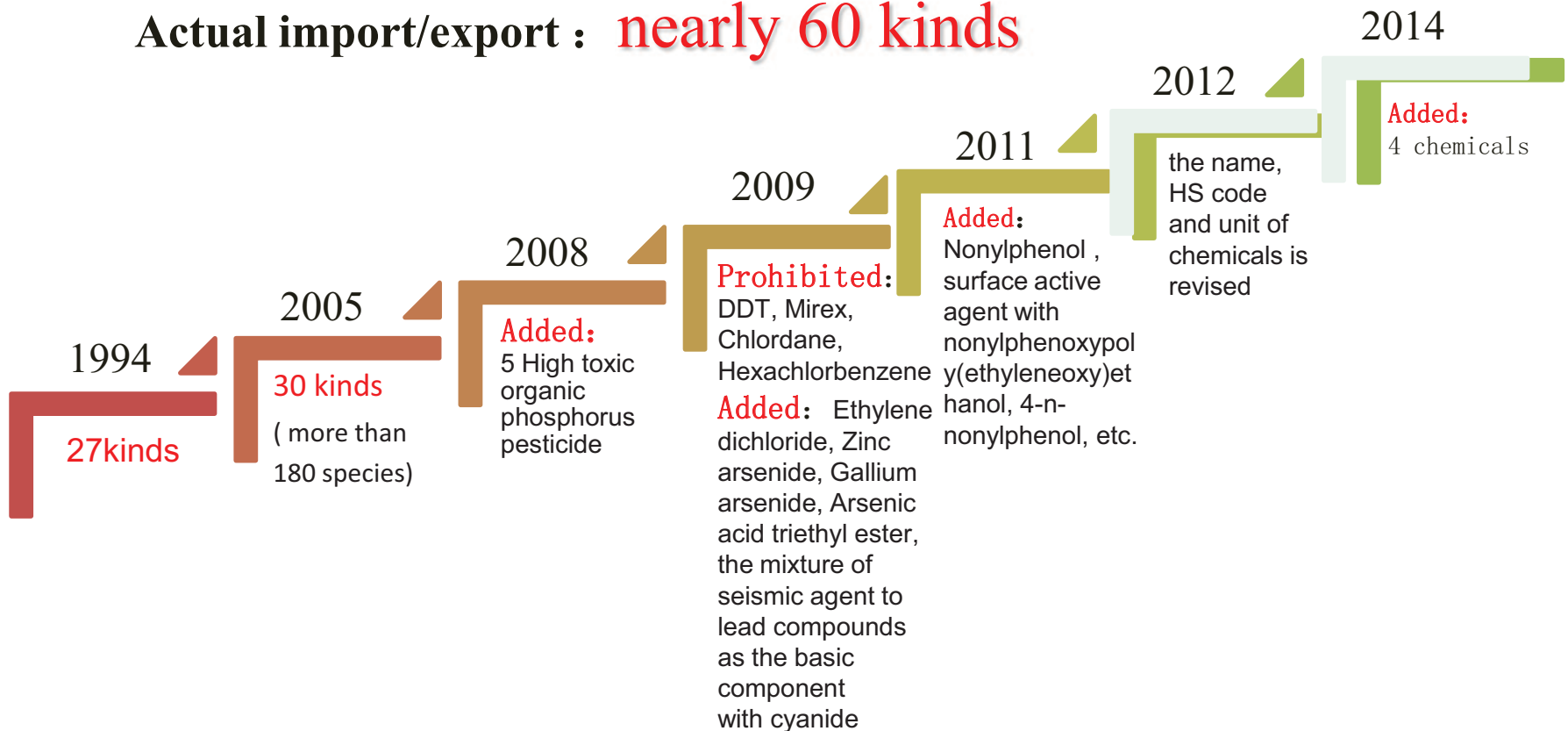
III. Existing chemicals management

《 The Catalogue of Hazardous Chemicals for Which the Import and Export have been Strictly Restricted by China 》 (2014年)

162 kinds



Actual import/export : **nearly 60 kinds**





III. Existing chemicals management

China's existing chemicals list and investigation on chemicals

- “China’s existing chemicals list ”was issued in January, 2013, 45,000 types of chemicals were included.
- Investigation of environment related information of existing chemicals producers are being conducted. Petrochemical processing, coking processing, chemical industry, medicine production, chemical fiber industry and food industry are priority industries.
- Investigation on users of existing chemicals will be conducted next step.



IV. Future Plan and Priorities

1

Further improvement of chemicals environmental legislation

- Promote legislation formulation in terms of chemicals management.
- Establish hazards property identification , risk assessment, production prohibition, usage restriction, and other risk reduction measure related regulations.



V. Future Plan and Priorities

2

Strengthening collection of basic information of chemicals

- Implementation of hazardous chemicals producers and users registration system.
- Conduct environment related information of chemicals producers and users investigation program.



V. Future Plan and Priorities

3

Establish life cycle management mode of chemicals

- Formulate inter-ministry coordination mechanism in terms of chemicals management.
- Take joint actions addressing environmental and health risk of chemicals.
- Enhance the substitution of toxic and hazardous chemicals.
- Promote green chemical industry development.



V. Future Plan and Priorities

4

Risk assessment of existing chemicals

- Develop document on procedures and guidelines on hazard properties identification and risk assessment on existing chemicals
- Conduct hazard properties identification and risk assessment on selected highlighted chemicals
- Risk reduction actions will be taken based on the result of above work in the area of chemicals as well as chemicals in products.



V. Future Plan and Priorities

5

Promote international involvement in area of chemicals management

- Implementation chemicals related international conventions and initiatives.



Thank you !

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Or visit the website of MEP:

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