

14th Chemical Regulatory Annual Conference Virtual Forum

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Overview and issues of the safety management system for consumer chemical products and biocides

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The Ministry of Environment

VALUE IN
COMPLIANCE

**I. Major promotion projects of
the Ministry of Environment**

I. Etc.

① Major promotion projects of the Ministry of Environment

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Expanded to disclose all ingredients of consumer chemical products.

- (Purpose) Ensuring consumers' right to know and resolving public concerns about the safety of consumer chemical products
 - (Content) Disclosure of all ingredients to **companies participating in voluntary agreements**(information on ingredients, information on safe use, etc.)
- ※ 1,508 products in 21 -> 1,600 products targeted for 22 (1,552 products as of September)

Selection and disclosure of excellent chemical reduction products

- (Purpose) Voluntary agreement between the government and civil society -> Spreading a culture of safety management of hazardous substances and **strengthening responsibility**
 - (Content) Review of products that comply with guidelines and pass the 'Technology · Certification Committee' among **products with all ingredients disclosed**
- ※ 25 products in 21 -> 50 products targeted for 22 (32 products as of September)

Reinforcing the monitoring system for products illegally distributed in the market

- (Safety investigation) **Expansion of testing and analysis** to confirm compliance with safety standards (1,800 in 21 -> 2,000 in 22)
- (Market Surveillance Watchdogs) **Expansion of market watchdogs** composed of consumers (95 in 21 -> 100 in 22), non-compliance with reporting/approval, violation of labeling/advertising (11,900 products in 21 -> 13,400 in 22)

I. Etc.

① Major promotion projects of the Ministry of Environment

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Support implementation of biocidal substance approval

- (Customized) **1:1 consulting tailored to the needs of companies**, such as preparation of substance approval application plans, review of application materials, or support for joint submission council activities (100 companies so far)
- (Entire process) **Support for the entire process of material approval implementation**, from submission of application plan to review of material general data and hazard-risk test data, to preparation of application for approval (83 consultative bodies so far)
 - ※ Briefing session for the industry, preparation of system implementation guidelines, provision of test data secured by the government, etc.

Safe use of biocides and prevention of misuse, abuse

- (Content) **Promotion of education, publicity and conduct a survey** about such as the selection and how to use of safe biocidal agents by **users (children, housewives, etc.)** through cooperation with civic groups
 - ※ Preparing and distributing briefing sessions, videos, and infographics on safe use methods such as hazard and risk, effect and efficacy, compliance with dosage and usage, and wearing safety equipment that must be considered when selecting and using biocides ('23.)

I. Etc.

① Major promotion projects of the Ministry of Environment

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Consumer chemical product safety management technology development (R&D) project

- (Content) Development of a total of 25 technologies, including risk prediction evaluation of mixtures containing household chemical products (6 items), use-based exposure evaluation (8 items), and risk reduction of hazardous substances (11 items)
- (Period/Budget) '20 ~ '27 / Total KRW 167 billion

Severe Accident Punishment Act system implementation system support

- (Contents) Health and safety management system diagnosis and system implementation support etc. for biocide producers, manufacturers, sales and distributors subject to implementation of the 「Severe Disaster Punishment Act」 at the initial stage of system implementation
- ※ Consulting on implementation of the system and supporting the preparation of safety and health plans (100 companies), preparing guidelines, and training

II. Major system improvement in 2022

II. Etc.

② Major system improvement in 2022

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Revision of the Enforcement Rules of the Chemical Product Safety Act (Enforcement on February 10, 2022)

- (Contents) △ **Mandatory submission of biocidal material manufacturer/importer information** when applying for confirmation of products subject to safety confirmation △ Preparation of grounds for **embodying prohibition of labeling and advertising** to prevent misuse and abuse △ **Mandatory display of notification and approval numbers** in advertisements △ New special case for testing the application of restrictions on effect and efficacy advertising of reported products before July in 2021. (January in 2023)

Revision of product designation and safety and labeling standards notice (to be implemented on December, 2020)

- (Content) △(New) **4 types of non-management items*** are additionally designated as subject to management, preparation of content standards and indications for each hazardous substance △(Existing) **Addition of use and safety standards** of existing managed items for **5 uses including gloss coating** △ (Container/Packaging) Revision of **container/packaging standards to prevent misidentification accident of food****

* Finishing agent (for wood), hardener (for leather), hardening accelerator (for adhesive), cleaning agent for sports equipment (for golf, bowling, etc.)

** Add 'the container or packaging of the product shall not be caused or confused as the food, using the same or similar to the container, packaging, appearance, etc. of the food'

II. Etc.

② Major system improvement in 2022

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Enactment of regulations (notification by the Ministry of Environment) on labeling and advertising of consumer chemical products (enacted in July 2023)

- (Content) Concreteize phrases that cannot be used for packaging or advertising to prevent misuse, abuse of products by misunderstanding that they have no negative impact on human, animals

* Non-Toxic, Toxic-zero, Has no effect on the human body, Safe, No harmful substances, Safe for children, Well-being, etc.

Revision of regulations related to biocide approval (Notification of the National Institute of Environmental Research)

- ① Regulations on the criteria for recognition of material equivalence and product similarity, the preparing scope and method of preparing data for application for recognition, etc.

* Addition of detailed standards for ingredient analysis and environmental hazards item among matters related to material equivalence recognition

- ② Regulations on the scope and method of preparation of approval application data for biocidal substances and biocidal products

* Materialization of ingredient analysis data to confirm identification information, specification of the scope and preparation method of approval application data for approval, etc.

- ③ Regulations on subject and method of risk assessment of consumer chemical products

* Materialization of ingredient analysis data to confirm identification information, specification of the scope and preparation method of approval application data for approval, etc.

Thank You