Designation of household chemical products subject to safety verification and safety and labeling standards

[Enforcement 2022.00.00.] [Ministry of Environment Notice No. 2022-00, 2022.00.00, partially revised]

Article 1 (Purpose) This notice is “On the safety management of household chemical products and biocides Act” (hereinafter referred to as the “Act”), Article 3, Subparagraphs 3 and 4, Articles 8, 9, 10, Articles 5 and 7 of the Enforcement Decree of the same Act (hereinafter referred to as the “Spirit”), the Enforcement Rules of the same Act (hereinafter referred to as “enforcement rules”) Household chemicals subject to safety verification in accordance with Articles 5 and 7 Designation of products, establishment of safety standards for each item, confirmation of safety standards, and labeling matters and indication method, etc.

Article 2 (Definition) The definitions of terms used in this notice are as follows.

1. “Item” refers to household chemical products subject to safety verification designated in accordance with attached Table 1. say the kind
2. “Product name” is the name given to each product to distinguish it from other products. say its own name.
3. “Multi-use facility” means a facility used by an unspecified number of people.
4. “Ordinary living space” means everyday life in homes, offices, multi-use facilities, etc. It refers to a place where you live, work, or work. However, the factory space or maintenance space of an automobile repair shop, etc. Work spaces that are not used by many unspecified people are not applicable.
5. “Person who intends to obtain confirmation” means that household chemical products subject to safety confirmation are safe under Article 5;

You can apply to the testing/inspection agency to check whether it meets the standards.

manufacturer or importer. In this case, the manufacturer shall

limited only to

go. Product planning and design, raw and subsidiary material management, responsibility for consumer damage, etc.

Responsible for the entire process from design to manufacturing, sales, compensation, etc.

A person who manufactures the product under his/her own name or a person who manufactures the product on a consignment basis and uses his/her trademark

attacher. However, the consignee is not the manufacturer

me. Responsible for the entire process from product design to development and manufacturing,

A person who attaches the orderer's trademark to the product and delivers it

6. “Children’s protective packaging” means it is not difficult for adults to open, but it is 5 years old

Designed and designed to make it difficult for children under the age to take out the contents within a certain period of time.

packaging and containers.

7. “Derivative product” refers to the use and

The dosage form is the same, and there is no change in the substances that meet the safety standards according to Article 5.

product that does not exist. In this case, it represents the product that has been confirmed to comply with safety standards.

It is called a product, and the product name of the derivative product is the same as the product name of the representative product.

Can not.

8. “Marking surface” means that letters, pictograms, etc. can be displayed on the surface or packaging of the product.

refers to the surface However, products that are difficult for consumers to see

Connecting parts such as the bottom and handle of the container, and the upper, lower, and side parts of the container

Concave or convex surfaces are not included.

9. “Point” is defined by Korean Industrial Standard KS A 0201 (standard size of type).

It refers to the unit that indicates the size of the type according to the bar.

Article 3 (Designation of household chemical products subject to safety verification)

The types of household chemical products subject to safety confirmation are shown in Appendix 1.

Article 4 (Establishment of safety standards) ÿ Safety standards for chemical substances under Article 9 of the Act

The results of risk assessment in accordance with Article 8 of the Act are reflected. However, for the substance

If a risk assessment has already been carried out by domestic or foreign research and inspection institutions, or

If there are scientific test and analysis data for the element, based on the data,

Safety standards can be established.

ÿ In the process of use, such as being neutralized by being used as an acidity regulator in the product, people

If it is recognized that there is little risk of harm to health or the environment, the safety of chemical substances is

may be excluded from the criteria.

ÿ Chemicals that cannot be contained in the product are not artificially added.

Facts derived unintentionally are objectively confirmed and technically complete.

If it is impossible to eliminate the risk, as a result of risk assessment in accordance with Article 8 of the Act

The detection tolerance limit is not exceeded within the level that is recognized as having

can be set .

Article 5 (Safety Standards) ÿ For household chemical products subject to safety confirmation designated in accordance with Article 9 of the Act

The applicable safety standards are as follows.

1. Safety standards for chemical substances by item according to Annex 2

2. Safety standards for containers, packaging, and weight according to Annex 3

3. Safety standards for child protective packaging according to attached table 4

ÿ Containing for which the detection tolerance limit is not presented among the safety standards under Paragraph 1 No. 1

Unintentional transfer of prohibited substances from packaging during production or storage

The fact derived from

In cases where it is impossible, the permissible detection amount is

As a result of the risk assessment conducted by the director, if there is no risk

It can only be allowed below the level. However, the hazards required for risk assessment

Data, etc., are sent to the director of the Korea Environmental Industry and Technology Institute by the person requesting the detection limit.

must be submitted

ÿ Formulations or uses that are not reflected in the establishment of safety standards according to Paragraph 1, No. 1;

Life subject to safety confirmation made with hazardous chemicals without a test method

It is difficult for a chemical product to receive confirmation from a testing and inspection institution under Article 10 (1) of the Act.

In cases where it is impossible, in accordance with Article 8 of the Act,

As a result of the risk assessment, only at a level below which no risk is recognized

may be allowed. In this case, the substance of the permitted product shall be

It is considered that the safety standards have been complied with. However, the hazards required for risk assessment, etc.

The data are included in the risk assessment application along with the risk assessment application in Annex No. 6 form.

The person requesting this must submit it to the Director of the Korea Environmental Industry and Technology Institute.

ÿ The container shape of the product after receiving the confirmation of conformity with the safety standards according to Paragraph 1

and change of material, etc., to ensure that only the safety standards for each issue in Paragraph 1 are confirmed

In this case, only the safety standards of each subparagraph can be confirmed. However, the validity period

If you want to receive confirmation for renewal, safety standards for each issue in Paragraph 1

Everything must be checked

ÿ In order to obtain confirmation of safety standards for child protective packaging under paragraph (1) 3

In this case, please submit the child protective packaging confirmation application in Attachment No. 7 form

Household chemical products subject to safety confirmation pursuant to Article 10 (1) and Article 5 (1) of the Enforcement Regulations

When submitting the confirmation application form or before that, submit the confirmation certificate to the test/inspection institution

If the contents are changed after the confirmation certificate is issued,

Submit the application for change of child protective packaging in Attached Form No. 8 to the relevant testing/inspection institution.

You must submit it to receive a change confirmation certificate.

ÿ Products that have been confirmed to comply with the safety standards under Paragraph 1 (hereinafter referred to as 'representative products')

(hereinafter referred to as 'derivative products') derived from

It is considered to have complied with the safety standards in Paragraph 1 on behalf of the product.

ÿ A person under subparagraph 5 (b) of Article 2 delivers the same product to multiple customers

In the case of receiving confirmation of conformity with safety standards for the product, each orderer

Each delivered product is deemed to have complied with the safety standards in Paragraph 1.

ÿ In accordance with Article 10 (3) of the Act , 90 days prior to the end of the valid period of confirmation (Saturday and

(calculated by including public holidays)

In the case of a product that has been confirmed to comply with the safety standards according to the safety standards of the product

Confirmation shall be deemed to have been received on the day following the end of the validity period.

Article 6 (Standards for Labeling) ÿ In accordance with Article 10 (8) of the Act and Article 7 of the Enforcement Regulations of the same Act

Matters that must be labeled on the outside or packaging of household chemical products subject to safety verification

Same as in Table 5.

ÿ The labeling matters under Paragraph 1 shall be applied to the surface of household chemical products subject to safety confirmation or

The specific method for marking on the packaging shall be as specified in Attached Table 6.

ÿ The labeling restrictions on household chemical products subject to safety assurance are subject to Article 34 (1) of the Act and

It shall be subject to the provisions of Article 34 (1) of the Enforcement Regulations of the same Act.

Article 7 (Documents for Confirmation of Safety Standards and Report Submission, etc.)

Whether household chemical products subject to safety verification meet the safety standards under Article 5 according to the

Products that must be submitted to the testing and inspection institution by the person who wants to check whether or not

Documents and documents required to be submitted to the Director of Environment Industry and Technology

The scope and method of writing are shown in Attached Table 7.

ÿ The president of the Korea Environmental Industry and Technology Institute sends the applicant a certificate of conformity confirmation of safety standards to the applicant.

At the time of issuance, the criteria for assigning the notification number of household chemical products subject to safety confirmation are as specified in Table 8 and

same.

Article 8 (Exceptions to the application of safety standards) Household chemicals subject to safety confirmation designated in accordance with Article 3

In accordance with Article 10 (6) of the Act, safety standards were not announced among the products, so

Products that must be approved by the President of the Institute of Environmental Science are as follows (hereinafter referred to as

referred to as “approved product”). In this case, the approval criteria for the product subject to approval

The necessary matters regarding

Regulations on approval of household chemical products” shall be followed.

1. Antibacterial/disinfectant for humidifier

2. Disinfectant and disinfectant for the prevention of infectious diseases

3. Health pesticides

4. Repellent for health use

5. Insecticides for the prevention of infectious diseases

6. Infectious disease prevention rodenticide

7. Household chemical products for humidifiers

Article 9 (Review of Regulations) Article 8 of the Framework Act on Administrative Regulations and

In accordance with the “Regulations on Issues and Management” (Presidential Ordinance No. 248),

At the end of every 3 years as a standard (up to the day before the effective date of the third year

), the feasibility should be reviewed and measures such as improvement should be taken.

ÿ Addendum <No. 2019-45, 2019.2.12.>

Article 1 (Enforcement Date) This notice shall be effective from the date of the announcement.

Article 2 (Transitional Measures concerning Labeling Standards for Products Subject to Approval)

Among household chemical products subject to safety assurance that fall under one of the preceding categories, before the enforcement of this notice

In accordance with Article 31 (4) and Article 42 (1) of the Pharmaceutical Affairs Act, or

If the product declaration is accepted, the goods manufactured or imported by December 31, 2019

For products, in place of the labeling standards under Article 6,

can be marked

Article 3 (Regarding safety standards and labeling standards for products used in multi-use facilities)

Special) For sanitation of multi-use facilities, direct employment or consignment contracts, etc.

cleaning agents, disinfectants, etc. that are professionally used by workers employed in this method

For household chemical products subject to safety verification, safety standards under Article 5 and Article 6
According to the labeling standards, starting with products manufactured or imported after July 1, 2020
apply

Article 4 (Transitional Measures for Safety Standards and Labeling Standards for Previously Concerned Products) ÿ

Prior to the enforcement of this notice, the previous “designation of products of concern and safety and labeling standards”
Products of risk concern for which a self-inspection number has been assigned pursuant to Article 6 (3) are added to the Act.
Safety standards under Article 5 and
The previous notice shall be followed in place of the labeling standards under Article 6. In this case that
During the period of transitional measures, changes have been made in accordance with Article 13 of the previous notice.
In this case, the change must be reported according to the previous notice.

ÿ At the time of enforcement of this notice, the previous ÿDesignation of products of concern and safety and labeling standardsÿ
Inspection under Article 6 (3) by requesting a testing/inspection agency pursuant to Article 6 (1)
Products of risk concern for which a report has not been issued are safe in accordance with Article 10 (1) of the Act.
It is regarded as a household chemical product subject to safety confirmation applied for standard confirmation.
In this case, safety standards under Article 5 and labeling under Article 6 for the relevant product
The standard is effective from March 1, 2019. Until the effective date, the previous notice
follow

ÿ Prior to the enforcement of this notice, the previous “designation of products of concern and safety and labeling standards”
Check compliance with safety standards by product model according to Article 6 (1)
Corresponds to the same model category as the received product (hereinafter referred to as “basic model product”)
The product (hereinafter referred to as “derivative model product”) is the confirmation of the basic model product.

It is considered that the safety standard conformity confirmation has been received only within the validity period.

Article 5 (Applicability to Safety Standards and Labeling Standards for New Management Items)

For household chemical products subject to safety assurance that fall under any of the following, Article 5

Safety standards and labeling standards according to Article 6 are manufactured after July 1, 2019

or imported products. However, the following subparagraphs 1 through 3

In this case, it applies to products manufactured or imported after January 1, 2020.

1. Disinfectant (limited to air sterilization, children's products only, toothbrush.and tongue cleaner sterilization)

2. Repellent (limited to flying insects)

3. Filter-type preservation treatment products

4. Artificial Eye Spray

5. Candles (limited to candles using soy wax other than paraffin)

Article 6 (Applicability to Safety Standards for Newly Managed Substances) According to Attached Table 2

Among the safety standards for chemical substances by item, 'I.

Preservative substances and preservatives that can be used' and 'II. Products specified in safety standards for each item

The standards for the content of substances in use' and 'substances for preservation that can be used in spray-type products' will be released in 2020.

Applies to products manufactured or imported after January 1st. However, detergents,

In accordance with the 'injection-type content standards for substances used in products' prescribed for removers, air fresheners, and deodorants,

'Materials for preservation that can be used in spray-type products' are applied from the effective date of the notification.

Article 7 (Applicability of Safety Standards for Child Protective Packaging) Children under Article 5 (1) 3

The safety standards for protective packaging are for products manufactured or imported after January 1, 2020.

apply from However, prior to the enforcement of this notice, the previous “designation of products of concern”

and cleaning agents subject to child protective packaging according to Annex 6 of the Safety and Labeling Standards;

Coatings, adhesives, air fresheners, and antifreeze must be sold until December 31, 2019.

In accordance with the standards for risk-concerned products subject to protective packaging, or according to the

Child protective packaging safety standards can be applied in advance.

Article 8 (Applicability to Restriction on Labeling) Subjects for Safety Confirmation under Article 6 (3)

Label restrictions on household chemical products must be manufactured after January 1, 2020, or

Applies to imported products.

Article 9 (Transitional Measures concerning Test and Inspection Institutions)

Designation of products of concern and standards for safety and labeling”

Prior to being designated as a test/inspection institution under Article 41, this notice

It can be tested and inspected whether or not it meets the specified safety standards. However, tests and inspections

The designation of the institution was announced by the National Academy of Environmental Sciences, “Testing and testing of household chemicals and biocides.

Regulations on Designation, Evaluation and Management of Inspection Institutions” shall be followed.

ÿ Addendum <No. 2020-117, 2020.06.05.>

Article 1 (Enforcement Date) This notice is effective from the date it is issued.

Article 2 (Transitional Measures for New Management Items) Students subject to safety verification according to attached Table 1

For household chemical products subject to safety confirmation that fall under the amendments to the type of active chemical products

Regarding the safety standards under Article 5 and the labeling standards under Article 6, 2021

Applies to products manufactured or imported after January 1st.

Article 3 (Applicability to Safety Standards for Newly Managed Substances) According to Attached Table 2

Among the revisions to the safety standards for chemical substances by item, 'ÿ. Safety standards for each item'

Containing prescribed in detergents, removers, laundry detergents, bleaches, and fabric softeners

Among prohibited substances, 'microplastics' are manufactured or imported after January 1, 2021.

applied from the product

ÿ Addendum <No. 2021-150, July 30, 2021>

Article 1 (Enforcement Date) This notice is effective from the date it is issued.

Article 2 (Applicability to New Management Items) For lubricants, in accordance with Article 5

Safety standards and labeling standards pursuant to Article 6 shall be manufactured after January 1, 2022, or

Applies to imported products.

Article 3 (Applicability to Safety Standards for Newly Managed Substances) ÿ In accordance with Attached Table 2

Revisions to safety standards for chemical substances by item must be manufactured after the effective date or

Applies to imported products.

ÿ Notwithstanding Paragraph 1, the subject of safety confirmation falling under any of the following subparagraphs

For household chemical products, 'ÿ. Safety standards for each item'

Among the content restricted substances, the 'standard of content content in the product' is after January 1, 2023,

'Biodegradability' applies to products manufactured or imported after July 1, 2022.

1. Cleaner

2. Gloss coating agent

3. Air freshener

4. Fungicide

Article 4 (Special Cases concerning Safety Standards for Benzalkonium Chloride)

Notwithstanding, among the amendments to the safety standards for chemical substances by item according to attached Table 2,

For benzalkonium chloride, I. The standard for prohibited substances in the common standard will be in 2023.

Applies to products manufactured or imported after January 1st.

Article 5 (Special Cases concerning the Safety Standards for Active Ingredients Usable in Biocidal Products) Addendum Article 3

Notwithstanding the above, a life subject to safety assurance that falls under any of the following subparagraphs:

As for chemical products, they are classified as household chemical products subject to safety confirmation before the effective date.

Where a report certificate is issued pursuant to Article 10 (4) of the Act (in Article 10 (3) of the Act)

Products that have expired and need to be reconfirmed for compliance with safety standards

Including), amendments to safety standards for chemical substances by item according to attached Table 2

Matters concerning the safety standards for the main ingredient that can be used in the middle shall be manufactured after January 1, 2024.

or imported products. In this case, pursuant to Article 18 (3) of the Act,

Existing biocidal substances that can be used in publicly announced biocidal products

It can be used only when the grace period for approval under Article 3 has not passed.

1. Fungicide

2. Algicidal

3. Repellent

4. Wood Preservatives

Article 6 (Applicability to Labeling Standards)

Among the indications, 'ÿ. 'Required use for each product' defined in 'Specific labeling for each product'

of household chemical products subject to safety verification according to the amendments to 'Cautions' and attached Table 6.

Among the indication methods, 'ÿ. 17. Chemicals Used in Products

'Fluorescent brightener' of the substance is a product manufactured or imported after July 1, 2022

apply from

ÿ Addendum <No. 2022-19, 2022.1.19.>

Article 1 (Enforcement Date) This notice is effective from the date it is issued.

ÿ Addendum <No. 2022-000, 202.00.00.>

Article 1 (Enforcement Date) This notice is effective from the date it is issued.

Article 2 (Applicability to new management items, use safety standards and labeling standards)

For household chemical products subject to safety assurance falling under any of the subparagraphs,

The safety standards under Article 5 and the labeling standards under Article 6 shall not exceed January 1, 2024.

It is applied from the products manufactured or imported afterward.

1. Finishing agent

2. Hardener

3. Hardening accelerator

4. Sporting goods cleaning polish

5. Cleaning agent (only for filters)

6. Gloss coating agent (limited to metal accessories)

7. Special purpose coating agent (limited to leather softening)

8. Disinfectant (limited to filters and electrolytic sterilizers)

Article 3 (Applicability to Chemicals Safety Standards by Item)

Revisions to safety standards related to chemical substances are subject to Article 10 of the Act after January 1, 2024.

Applies to products that have been confirmed to comply with safety standards in accordance with

Article 4 (Applicability to Container or Packaging Safety Standards) Containers or

Amendments to safety standards regarding packaging and weight will be implemented after January 1, 2024.

Applies to products that have been confirmed to comply with safety standards in accordance with Article 10.

Article 5 (Applicability to Labeling Standards) Labeling matters according to Attached Tables 5 and 6 and

Revisions to the labeling method are subject to safety standards in accordance with Article 10 after January 1, 2024.

Applies to products that have been confirmed of conformity.

Article 6 (Special Cases on Application Date) Notwithstanding the provisions of Articles 2 through 5 of the Addenda

A person who intends to obtain a seal must revise the safety standards or labeling standards according to the enforcement notice

It can be applied in advance before the effective date.

[Asterisk 1]

Classification of household chemical products subject to safety verification Part

1 Cleaning products	subject
	1. Cleaner 2. Remover 1.
Part 2 Laundry Products	Laundry Detergent 2. Bleach 3. Fabric Softener 1. Gloss
Part 3 Coated Products	Coating Agent 2. Special Purpose Coating Agent 3. Rust Inhibitor 4. Lubricant 5. Ironing Aid 6. Finishing Agent 7. Hardener 1. Adhesive 2. Bonding Agent 3. Curing accelerator 1. Air freshener 2. Deodorant 1.
Part 4 Adhesive and Bonding Products	Object dye 2. Object colorant 1. Automobile washer fluid 2. Automobile antifreeze 1. Printing
Part 5 Aroma and deodorant products	ink and toner 2. Injuice 3. Corrective fluid and correction
Part 6 Dyeing/Painted Products	tape 1. Beauty adhesive Part 9 Beauty products 2. Tattoo dyes
Part 7 Automotive products	Part 10 Leisure product care products 1. Sports equipment
Part 8 Printing and Documentation Related Products	cleaning polish 1. Disinfectant 2. Algicide 3. Antibacterial/disinfectant for humidifier 4. Disinfectant/disinfectant for
Health insecticide 3. Health repellent 4. Infectious disease prevention insecticide 5. Infectious disease prevention rodenticide 1. Wood preservative	infectious disease prevention 1. Repellent 2.
2. Filter-type preservation treatment product	
Part 11 Sterilization Products	
Part 12 Relief Products	
Part 13 Preservation and Conservation Treatment Products	

classification	subject
Part 14 Miscellaneous	1. Candle 2. Dehumidifier 3. Artificial snow spray 4. Fog liquid for performances 5. Household chemicals for humidifier

[Asterisk 2]

Safety Standards for Chemical Substances by Item

I. common standard

1. Classification of Formulation

The formulations of household chemical products subject to safety confirmation are classified as shown in Table 1 below.

Select one of the formulations in Ran and apply it to the product. However, safety standards for each item

In the case where a separate formulation is presented in

take precedence over

<Table 1> Formulation classification of household chemical products subject to safety confirmation

division	classification
spray type	Atomizer type (including foam type), spray type (1), fumigation type, combustion type, mist type, filter type, replenishment type (2), Other(3)
non-eject type	Liquid type, emulsion type (including paste type, lotion type, gel type), foam type, solid type (tablet type, Pastel type, stick type), hot melt type, powder type, tissue type, capsule type, cartridge type, Pen type, brush type, bracelet type, patch type, impregnation type, tank type, supplement type(2), others(3)

Note (1) Refers to products of injection type using high-pressure gas, low-pressure gas, etc.

(2) The dosage form of the original product must be described together.

(3) The detailed formulation should be described together.

2. Prohibited Substances in Products

Substances that cannot be contained in household chemical products subject to safety confirmation are shown in Table 2 below.

<Table 2> Prohibited Substances in Products

No. Substance name 1 Polyhexamethyleneguanidine (PHMG) 2	Application Formulation (4)
Chloride ethoxyethylguanidine (PGH) 3	spray type
Poly(hexamethylenebiguanide)hydrochloride (PHMB) 4	spray type
Methylisothiazolinone (MIT) 5 5-Chloromethylisothiazoli Rice paddy (CMIT)	spray type
	spray type
	spray type

No. 6	substance name	Application Formulation
	Benzalkonium chloride (5) 7 Sodium	(4) Injection Type
	diisocyanurate (NaDCC) Substances prohibited from use in relevant laws such as	Spray Type Full
	the Persistent Pollutant Control Act 8 Note (4) Perfumes are applied to all formulations (5) Benzalkonium chloride Classes (C12–C18, alkylbenzyldimethylammonium chloride)	Type

3. Preservative substances and preservatives that can be used in the product

To ensure the shelf life of the product, for storage or preservation of the product

If you want to use biocidal substances and preservatives for

Only substances and products may be used. However, ÿ. Products in the safety standards for each item

In the case where substances for preservation that can be used are separately determined, each item

Safety standards take precedence over common standards, and spray-type products and filter-type preservation treatment

In the case of products ÿ. Substances for preservation that can be used in products with safety standards for each item

can only be used

1) As a biocidal substance that can be used for preservatives in accordance with the main sentence of Article 12 (1) of the Act

According to the approved substances and the proviso to Article 12 (1) of the Act, the President of the National Institute of Environmental Sciences

Announced “low-risk biocidal substances”

2) Existing biocides that can be used in preservatives announced in accordance with Article 18 (3) of the Act

Substance (the specific use reported under Article 18 (2) of the Act is related to the item

case only). However, it can only be used within the grace period of approval for each substance.

3) Biocidal products approved as preservatives under Article 28 (1) 1 of the Act

4. Excluding the use of the item

Products that are likely to harm the human body by directly wearing, attaching, or inserting them on the human body.

II. Safety standards by item

Part 1 Detergent product group

Chapter 1 Cleaners

1. Scope of application

Cleaning agents are used in everyday living spaces such as homes, offices, multi-use facilities, and vehicles to clean dirt and foreign substances on objects and rinse them with water. It refers to a chemical product used for the purpose of Table 1 as a product that undergoes a process, etc.

However, products that fall under each of the following items are not included.

1) Quasi-drugs (contact lens care products, etc.) according to subparagraph 7 of Article 2 of the Pharmaceutical Affairs Act 2) Sanitary products (cleaning agents, rinse aids, etc.) Cosmetics under subparagraph 1 of Article 2 (for infants, bath products, Products for human body cleansing)

4) If there is concern about harm to the human body due to direct attachment, insertion, or contact with the human body Product cleaners (wig cleaners, menstrual cup cleaners, etc.)

5) Cleaning agents (medical device cleaners, etc.)

<Table 1> Uses of cleaning agents

general use	For oven, for range hood, for bathroom, for toilet, for carpet, for washing tub, for drain pipe, for building floor, for shoes, for furniture, for musical instrument, for filter (1), for cleaning other surfaces (2)
(3) For automobiles Note (1) Limited to products used for indoor and outdoor filters and air purifying filters installed in air conditioners	For automobiles and outdoor use

(2) The detailed use should be described together, and sports equipment (golf goods, bowling goods, table tennis goods) cleaners are applied to sports equipment cleaning polishes (3) Excluding car washers

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit

The material presented is unintentionally contained in the product and is technically impossible to completely remove.

It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product.

should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

	substance name	Before formulation Before	Detection tolerance
Number 1 Arsenic		formulation Before	5 or less
2 Tetrachloroethylene 3		formulation Before	5 or less
Trichloroethylene 4 Vinyl chloride 5		formulation Before	5 or less
Dichloromethane 6 Lead 7 Ethyl		formulation Before	5 or less
bromide 8 Nonylphenol 9 Microplastics		formulation Before	- (4)
(5)		formulation Before	1 or less
		formulation Before	- (4)
		formulation Before	- (4)
	—	formulation Before formulation	- (4)

Note (4) ÿRegulations on standards and methods for testing and inspection of household chemical products subject to safety verificationÿ (National Institute of Environmental Sciences)

Below the quantitative limit for each substance presented in the notice)

(5) Solid plastics of 5 mm or less that are intentionally used for cleaning, polishing, and peeling purposes and are not soluble in water

3. Substances with restricted content

1) The substances in Table 3 below, even if they are not used as raw materials in the product, are

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

serial number	substance name	General (6) Automotive			
		Injection type	Non-jet type	Indoor use	External use
1 Formaldehyde 2 Benzene		60 or less	60 or less	60 or less	120 or less
		10 or less	10 or less	10 or less	60 or less

serial number	substance name	General use (6) Automobile injection type Non-spray			
		type Indoor use	As HCl for exterior use	As HCl	As HCl As HCl
	or as NaOH as NaOH as NaOH as NaOH (8) less than 5 % (w/w) less than 5% (w/w) less than 5% (w/w) Less than 5% (w/	3 Hydrochloric acid			
	w) less than 5 1,2-d				7
	Cerium Oxide 160 or less Note (6) All products other than				
	the standard is the maximum permissible value of the product itself.				
			15 or less as CE		

Base

concentration (9) No limit on content

2) Substances in Table 4 below are used before product manufacturing including the manufacturing process of product raw materials.

When used in a process, the substance used is

It should meet the content standards.

<Table 4> Standards for the content of substances used in products

(Unit: %(w/w))

serial number	substance name	spray type		Non-jet type	
		General (10) Automotive	(External)	General (10) Automotive	(For external
1	Propylene glycol	use) 35 or less - (11) 30 or less - (11) 0.5 or less 50 or less 1 or less			
2	Formic acid 3	10 or less 2 or less 35 or less - (11) - (11) 10 or less - (11) 20 or less			
	Methanol 4 2-	- (11) 10 or less 10 or less - (11) - (11) 0.2 or less 10 or less 0.01 or			
	propanol 5 Acetone	less 0.2 or less 13 or less 65 or less 3 or less - (11) 35 or less - (11)			
6	Naphthalene 7	20 or less - (11) 0.02 or less 6 or less 0.002 or less 15 or less 20 or			
	Benzyl alcohol 8	less 20 or less - (11) - (11) 0.1 or less 0.1 or less 20 or less - (11)			
	Ethylene glycol 9	0.04 or less 0.4 or less 0.04 or less 0.4 or less 3 or less 8 or less 2			
	Glutaraldehyde 10	or less 20 or less			
	Methyl salicylate 11				
	Benzyl benzoate 12				
	Ethanolamine 13 Xylene				
	(o-, m-, p-total)				

serial number	substance name	spray type		non-eject type	
		General (10) Automotive	(External)	General (10) Automotive	(External use)
14	1,2-benzisothiazol-3(2H)-one (BIT) 8 or less 16 or less - (11) - (11) 2 or less 2 or less 2 or less - (11) 15 Triclosan 16				
	or less 7 or less 5 or less - (11) - (11) 17 Silver 12 or less 23 or less - (11) - (11) 18 Copper 19				
	less - (11) 3.5 or less 60 or less 20 2-octyl-3(2H)-isothiazolone 21				
	45 or less - (11) 23 ethanol 24 3-iodo-2-propynyl butyl - (11) - (11) 25				
	or less 2 or less 40 or less 2 or less - (11) 70 or less - (11) 27				
	less 1 or less 5 or less - (11) 1 or less 7 or less 29 Morpholine 30				
	oxide 1 or less - (11) 20 or less 65 or less 33 Benzoic acid 10				
	less - (11) 36 Zinc pyrithione 1 or less - (11) 2 or less 10 or less 37 Chlorobenzene 38 2-Methoxyethanol 0.4 or less 7 or less 0.05				
	or less 0.3 or less 39 Methylisothiazolinone (MIT), 5-chloro (CMI) Total of T) Prohibited Contained Prohibited 0.02 or less 0.2 or				
	(13) or less 140 (13) or less 10 (13)) or less 2,000(13) or less 41				
	of automobiles used outdoors (11) No limit on content (12) Total				

- 22 -

4. Substances for preservation that can be used in the product

For storage or preservation of products to ensure the shelf life of products

If you want to use biocidal substances, use each of the following substances

can do.

1) Substances shown in Table 4 (Compliance with content standards when used)

2) Sodium benzoate, hypochlorous acid, linalool, geraniol, sodium carbonate, 2-phenoxy

Ethanol, propyl alcohol

Chapter 2 Remover

1. Scope of application

Removers are used in everyday living spaces such as homes, offices, and multi-use facilities.

To remove stains and foreign substances adhering to the surface of an object using chemicals

Refers to the chemical products used for the purposes in Table 1. ~~However, stains on textiles such as clothes~~

~~Products to be removed are not included.~~

<Table 1> Uses of removers

General (1)	For stain removal (1), textile stain removal, silicone removal, adhesive removal, wig adhesive removal, tar For oil removal, bloodstain removal, paint removal, other removal
Automotive Interior, Exterior(2)	

Note (1) Exercise equipment (golf equipment, bowling equipment, table tennis equipment) remover is applied to sports equipment cleaning polish

(2) The detailed use must be described together.

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit

The material presented is unintentionally contained in the product and is technically impossible to completely remove.

It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product.

should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

serial number	substance name	Acceptable limits for detection of applied products and formulations	
1	Tetrachloroethylene 2 Trichlorethylene	All products (all formulations)	5 or less
3	Vinyl chloride 4 Dichloromethane 5	All products (all formulations)	5 or less
Lead 6	Arsenic	All products (all formulations)	5 or less
		All products (all formulations)	- (3)
		All products (all formulations)	1 or less
		All products (all formulations)	5 or less

serial number	substance name	Acceptable limits for detection of applied products and formulations	
7	Ethyl bromide 8	All products (all formulations)	- (3)
	Nonylphenols 9 Benzene	All products (all formulations) - (3)	
10	Microplastics (4)	For textile stain removal (all formulations) 5 or less	
		All products (all formulations) Note (3)	- (3)

ÿRegulations on standards and methods for testing and inspection of household chemical products subject to safety verificationÿ (National Institute of Environmental Sciences)
Below the quantitative limit for each substance presented in the notice)

(4) Solid plastics of 5 mm or less that are intentionally used for cleaning, polishing, and peeling purposes and are not soluble in water

3. Substances with restricted content

1) The substances in Table 3 below, even if they are not used as raw materials in the product, are

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

serial number	substance name	General (5) Automotive			
		Injection type	Non-jet type	Indoor use	External use
1	Formaldehyde 2 Benzene	60 (6) or less	60 (6) or less	60 (6) or less	170 (6) or less
	30 or less	30 or less	30 or less	90 or less	
3	Sodium hydroxide or hydroxide Potassium (7)	as NaOH less than 5% (w/w)	as NaOH less than 5% (w/w)	as NaOH less than 5% (w/w)	as NaOH less than 5% (w/w)
4	Methylpyrrolidinone	1,000 or less	1,000 or less	1,000 or less	1,000 or less

Note (5) Refers to all products other than automobile products

(6) Applied less than 1,000mg/kg only for adhesive removal

(7) Applies to removers using sodium hydroxide or potassium hydroxide, and the standard is the maximum permissible base of the product itself.
concentration

2) Substances in Table 4 below are used before product manufacturing including the manufacturing process of product raw materials.

When used in a process, the substance used is

It should meet the content standards.

<Table 4> Standards for the content of substances used in products

(Unit: %(w/w))

No.	Substance name 1 Propylene glycol	Jet Type -	non-eject type
		(8)	65 or less

No. 2	substance name	Injection	non-eject type
Formic acid 3		type 20 or	8 or less
Naphthalene 4		less 0.2 or	0.1 or less
Benzyl alcohol 5		less 65 or	20 or less
Ethylene glycol 6		less -	30 or less
Glutaraldehyde 7 Ethanolamine 8		(8) 0.03 or	0.01 or less
Xylene (o-, m-, p-total) 9 Triclosan		less 1 or	0.2 or less
10 Didecyldimethylammonium chloride		less 40 or	15 or less
11 Silver 12 2-octyl-3 (2H))-		less 15 or	20 or less
Isothiazolone 13 Benzalkonium chloride		less 5 or	9 or less
(9) 14 Dipropylene glycol methyl ether 15		less 70 or	- (8)
2-butoxyethanol (butyl cellosolve) 16 3-iodo-2-		less 2 or	- (8)
propynyl butyl		less 45 or	45 or less
		less -	75 or less
		(8) 55 or	20 or less
	Carbamic acid (IPBC)	less 65 or	- (8)
17 2,6-di-tert-butyl-p-cresol 18 triethanolamine 19		less 15 or	20 or less
hydrogen peroxide 20 morpholine 21 glyoxal 22		less 55 or	- (8)
ethylene oxide 23 benzoic acid 24 sodium		less 2 or	1 or less
pyrithione 25 chlorobenzene 26 2-methoxyethanol		less 15 or	5 or less
methyl Isothiazolinone (MIT), 5-chloro		less 0.03 or	0.01 or less
		less 7 or	2 or less
		less -	50 or less
		(8)) 75 or	- (8)
		less 40 or	15 or less
		less 1 or	0.3 or less
27	Sum of methylisothiazolinones (CMIT)	less Prohibited	0.2 or less
28 Hydrochloric acid or sulfuric acid		<1 as HCl <0.4 as HCl	

(10) Note (8) No limit on content

(9) Total of benzalkonium chlorides (C12–C18, alkylbenzyldimethylammonium chloride)

(10) the maximum permissible acid concentration of the product itself

4. Substances for preservation that can be used in the product

For storage or preservation of products to ensure the shelf life of products

If you want to use biocidal substances, use each of the following substances can do.

1) Substances shown in Table 4 (Compliance with content standards when used)

2) Linalool, 2-phenoxyethanol, propyl alcohol, 1,2-benzisothiazole-3 (2H)-on (BIT)

Part 2 Laundry product group

Chapter 1 Laundry detergents

1. Scope of application

Laundry detergent refers to clothing,

Refers to chemical products used for the purposes listed in Table 1 for washing textiles and shoes.

However, solid laundry soap, powder laundry soap,

Recycled solid laundry soap, recycled powder laundry soap , etc. are not included.

<Table 1> Uses of laundry detergent

For textile, leather, home dry cleaning, shoes, textile stain removal

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit

The material presented is unintentionally contained in the product and is technically impossible to completely remove.

It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product.

should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

No.	Application	Formulation	Detection Permissible Limit	
1	Formulation before benzene	5 or less		
2	Tetrachlorethylene Formulation	5 or less		
3	Pre-arsenic formulation	5 or less		
4	Formulation before vinyl chloride	5 or less		
5	Formulation before ethyl bromide	6 Microplastics (2) - (1)		- (1)
			All formulations	

Note (1) ÿRegulations on standards and methods for testing and inspection of household chemical products subject to safety verificationÿ (National Institute of Environmental Sciences)

Below the quantitative limit for each substance presented in the notice)

(2) Solid plastics of 5 mm or less that are intentionally used for cleaning, polishing, and peeling purposes and are insoluble in water

3. Substances with restricted content

1) The substances in Table 3 below, even if they are not used as raw materials in the product, are

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

substance name	pre-form
prephosphate	10,000 or less

2) Substances in Table 4 below are used before product manufacturing including the manufacturing process of product raw materials.

When used in a process, the substance used is

It should meet the content standards.

<Table 4> Standards for the content of substances used in products

(Unit: %(w/w))

No. 1	substance name	pre-form
Musk ketone 2 1,2-ethane		6 or less
dichloride 3 monoethanolamine		60 or less
4 triclosan 5		40 or less
dioctyldimethylammonium		below 10
chloride 6 silver 7 hydrogen peroxide 8		12 or less
tetraacetylethylenediamine 9 sodium pyrithione		80 or less
		25 or less
		45 or less
		8 or less

4. Biodegradability

Laundry detergents containing synthetic surfactants in the product meet one of the specifications in Table 5.

should be suitable.

<Table 5> Biodegradability by application standard

(unit : %)

division	KS I ISO 9439 KS I ISO 7827	
biodegradability	60 or more 70 or more	

5. Preservative substances that can be used in the product

For storage or preservation of products to ensure the shelf life of products

If you want to use biocidal substances, use each of the following substances

can do.

1) Substances shown in Table 4 (Compliance with content standards when used)

2) Sodium benzoate, ethanol

Chapter 2 Bleaching agents

1. Scope of application

Bleach refers to a chemical product used for the purpose of Table 1 in order to remove stains on clothing, whiten discoloration, or sharpen primary colors in everyday living spaces such as homes, offices, and multi-use facilities.

<Table 1> Uses of bleach

For textiles, for leather, for shoes

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit The suggested substance is recognized only when it is technically impossible to completely remove because it is unintentionally contained in the product.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg) Pre-

	substance name	formulation 5 or less before the detection
Number 1		limit of the applied dosage Form 5 or
Benzene 2		less All dosage forms 5 or less All
Arsenic 3 Vinyl		dosage forms 5 or less - (1) All dosage
chloride 4 Ethyl bromide		dosage forms Note (1) ÿTest/inspection All
5 Microplastic (2)		chemical products subject to safety hold

confirmation Less than the quantitative limit for each substance presented in the "Regulations on Standards and Methods, Etc." (Notice of the National Academy of Environmental Sciences)

3. Substances with restricted content

Even if the substances in Table 3 are not used as raw materials in the product, they must meet the content standards presented for each substance.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

No.	Substance name/Hydrogen ion concentration	pre-form
1	Sodium or potassium hydroxide (3)	Less than 5% (w/w) as NaOH
2	Prephosphate 10,000 or less	
3	hydrogen peroxide (4) 15% (w/w) or less	

Note (3) Applies to bleach using sodium hydroxide or potassium hydroxide, and the standard is the maximum allowable product itself.
base concentration

(4) Applied to bleach using hydrogen peroxide

Chapter 3 Fabric softeners

1. Scope of application

Fabric softeners are used in everyday living spaces such as homes, offices, and multi-use facilities.

When washing or drying clothes, etc., soften the fabric or generate static electricity.

It refers to the chemical products used for the purposes in Table 1 to prevent flying.

<Table 1> Use of fabric softener

For textiles, for leather, for shoes

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit

The material presented is unintentionally contained in the product and is technically impossible to completely remove.

It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product.

should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

No. Material name 1 Tetrachloroethylene 2	Acceptable limit of detection of applied formulation
Benzene 3 Cadmium 4 Mercury 5 Arsenic 6	All formulations 5 or less
Alkylphenol ethoxylates (APEOs) and	All formulations 5 or less
alkylphenols 7 Dialkyl (C12-C18) dimethyl	All formulations 1 or less
ammonium chloride 8 Vinyl chloride 9 Ethyl	All formulations 1 or less
bromide 10 2,2'-iminodiethanol	All formulations 5 or less
	All Formulations - (1)
	All - (1)
	Formulations Before Formulations 5 or less
	All Formulations - (1)
	pre-form - (1)

serial number	substance name	Acceptable limit of detection of applied formulation	
11	Fluorescent	Pre-formulation	- (1)
	brightener 12 Microplastic (2)	Pre-formulation	- (1)

Note (1) ÿRegulations on Standards and Methods for Testing and Inspection of Household Chemicals Subject to Safety Confirmationÿ (National Institute of Environmental Sciences)
Below the quantitative limit for each substance presented in the notice)

(2) Solid plastics of 5 mm or less that are intentionally used for cleaning, polishing, and peeling purposes and are insoluble in water

3. Substances with restricted content

1) The substances in Table 3 below, even if they are not used as raw materials in the product, are

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

No.	Substance name 1	pre-form
	Formaldehyde 2 Glutaraldehyde	75 or less
	3 Parabens (3) 4 2-phenoxyethanol	1,000 or less
	5 Triclosan 6 Methylisothiazolinone	Single substance 4,000 or less, mixture 8,000 or less
	(MIT) (4) 7 5-	10,000 or less
	chloromethylisothiazolinone	1,000 or less
		100 or less
	(CMIT) (4)	15 or less
	8 Benzisothiazolinone 9 Benzoic	500 or less
	acid 10 Benzyl alcohol 11 Lead	5,000 or less
	12 Limonene (5) 13 1,4-dioxane	10,000 or less
		20 or less
		10,000 or less
		100 or less

Note (3) Parabens: methylparaben, butylparaben, ethylparaben, isobutylparaben, propylparaben, isopropylparaben
(4) Applied to non-spray type fabric softeners except for jet type
(5) including D-limonene and L-limonene

2) Substances in Table 4 below are used before product manufacturing including the manufacturing process of product raw materials.

When used in a process, the substance used is

It should meet the content standards.

<Table 4> Standards for the content of substances used in products

(Unit: %(w/w))

substance name	pre-form
Number 1 Formic acid	below 10
2 Monoethanolamine 3 Silver 4	below 10
Hydrochloric acid or sulfuric acid	9 or less
(6) 5 Hydrogen peroxide Note (6)	<0.4 as HCl (1.2 or less as concentrated HCl)
The maximum permissible acid	4 or less

concentration of the product itself

4. Biodegradability

Fabric softeners containing synthetic surfactants in the product meet one of the specifications in Table 5.

should be suitable. However, sheet-type products used exclusively for dryers are excluded.

do.

<Table 5> Biodegradability by application standard

(unit : %)

division	KS I ISO 9439 KS I ISO 7827	
biodegradability	60 or more 70 or more	

5. Preservative substances that can be used in the product

For storage or preservation of products to ensure the shelf life of products

If you want to use biocidal substances, use each of the following substances

can do.

1) Substances shown in Table 4 (Compliance with content standards when used)

2) ethanol

Part 3 Coating product group

Chapter 1 Gloss coatings

1. Scope of application

Gloss coatings are used in everyday life such as homes, offices, multi-use facilities, and vehicles.

In order to apply a gloss effect to the object by applying it to the surface of the object in space ,

Chemicals used for a purpose.

<Table 1> Use of gloss coating agent

General (1)	For rubber, for wood, for plastic, for leather, for metal, for stone (cement), for metal ornaments
Note for	For indoor and outdoor use

automobiles (1) Sporting goods (golf goods, bowling goods, table tennis goods) Gloss coating agent is applied to sports equipment cleaning varnish

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit

The material presented is unintentionally contained in the product and is technically impossible to completely remove.

It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product.

should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

serial number	substance name	application formulation	Detection tolerance
1	Vinyl chloride 2	Before Formulation	5 or less
	Tripheny tin compound 3 Tributyl tin	Before Formulation	- (2)
	compound 4 Trichloroethylene 5	Before Formulation	- (2)
	Tetrachloroethylene 6 Dimethylformamide	Before Formulation	5 or less
		Before Formulation	5 or less
		Before Formulation	- (2)

Note (2) ÿRegulations on standards and methods for testing and inspection of household chemical products subject to safety verificationÿ (National Institute of Environmental Sciences)

Below the quantitative limit for each substance presented in the notice)

3. Substances with restricted content

1) The substances in Table 3 below, even if they are not used as raw materials in the product, are

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products (unit: mg/kg)

serial number	substance name	General use (3) Automobile injection			
		type Non-injection type Indoor use Exterior 1			
Formaldehyde 70 or less 120 or less 20 or less 170 or less 300 or less 2 Acetaldehyde 20 or less 150 or					
less 10 or less 90 or less 4 Naphthalene 20 or less (4) (4) 5 Manganese and its compounds 200 or less 100 or less					
320 or less 1,800 or less 3,500 or less (4) Note (3) All products other than automobile products					
				- (4)	

2) Substances in Table 4 below are used before product manufacturing including the manufacturing process of product raw materials.

When used in a process, the substance used is

It should meet the content standards.

<Table 4> Standards for the content of substances used in products

(Unit: %(w/w)) Spray

No.	Substance name/Hydrogen ion concentration	Non-spray Indoor (5) Outdoor use (5) Outdoor (3)			
		Ethanol 2 Benzyl benzoate 20 or less 20 or less 20 or less 40			
50 or less 50 or less - (7) 4 Penethanol 5 Dipropylene glycol methyl ether 10 or less (7) 55 or less (7) 3 Propylene glycol 50 or less 1,2					
-Benzisothiazol-3(2H)-one (BIT) 1 or less - (7) - (7) - (7) 7 2,6-di-tert-butyl-p-cresol 2 or less 2 Triethanolamine 35 or less					
		65 or less 70 or less 60 or less			

No.	Substance name/Hydrogen ion concentration				
		5 or less	10 or less	10 or less	20 or less
		10 or less - (7)	60 or less - (7)	2 or	
		less 20 or less	5 or less	10 or less	1 or
		less 10 or less	1 or less	5 or less	0.3 or
		less 0.3 or less	0.3 or less	0.6 or less	As
		HCl As HCl	As HCl	As HCl	As
		(7) - (7)	1 or less	7 or less	1 - (7)
		(7) 30 or less	60 or less	25 - (7)	- (7)
		(7) 10 or less	- (7) - (7)	- (7)	0.3 or less
		4 or less	15 or less	5 or less	6 or less -
		(7) - (7)	- (7)	9 or less	50 or less 85 or
		less 60 or less	2 or less	20 or less	2 or
		less 10 or less	10 or less	- (7)	65 or less
		- (7)	4 or less	5 or less	55 or less 50 or
		less			
31		Prohibited	Containing	Prohibited	Containing 0.1 or less 0.1 or less

4. Substances for preservation that can be used in the product

For storage or preservation of products to ensure the shelf life of products

If you want to use biocidal substances, use each of the following substances

can do.

1) Substances shown in Table 4 (Compliance with content standards when used)

2) Linalool, geraniol, sodium carbonate, 2-phenoxyethanol, acetone, 1,3-dichloro

propene

3) Citric acid (limited to metal accessories)

Chapter 2 Special purpose coatings

1. Scope of application

Special purpose coatings are used in everyday life such as homes, offices, multi-use facilities, and vehicles.

By applying it to the surface of an object used in living space to create a thin film

Special features to prevent contamination, static electricity, fogging, slipping, and water penetration

As a functional product, it refers to a chemical product used for the purpose of Table 1. However, the following

Products corresponding to each item are not included.

1) Organizations under Article 2, No. 4 of the ÿFood Sanitation Actÿ and Article 2 No. 5 of the same Act

Coatings used in containers and packaging

2) Waterproofing, water repellent, etc. used for construction in accordance with Article 2 (1) 8 of the ÿBuilding Actÿ

maintenance supplies

3) Coating agent to prevent corrosion and friction of automobile interior parts

<Table 1> Uses of Special Purpose

general use(1),	Coatings Water repellent, waterproof, anti-pollution, anti-static, anti-slip, surface protection, anti-fog (for glass, mirror, lens), for softening leather
Note for	Indoor, outdoor (2)

automobiles (1) Apply to finishing agents for wood finishing, and hardeners for hardening leather (2) Excluding washer fluid for automobiles (water repellent)

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit

The material presented is unintentionally contained in the product and is technically impossible to completely remove.

It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product.

should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

	substance name	Acceptable limits for detection of applied products and formulations	
Number 1 Vinyl		All products (all formulations)	5 or less
chloride 2 Trichloroethylene 3		All products (all formulations)	5 or less
Tetrachloroethylene 4 Triphenyl		All products (all formulations)	5 or less
tin compound 5 Tributyl tin		All products (all formulations)	- (3)
compound 6 Nickel 7		All products (all formulations)- (3)	—
Dimethylformamide 8 Alkylphenol		All products (spray type) 1 or less	
ethoxylate and		All products (all	- (3)
	(alkylphenol) 9	formulations) Antistatic (all formulations)	- (3)
Dialkyl (C12-C18) dimethylammonium	chloride 10 2,2'-iminodiethanol 11	Anti-static (all formulations) - (3)	—
Lead 12 Cadmium 13 Mercury 14 Arsenic		Anti-static (all formulations) - (3)	—
		Anti-static (all formulations) 1 or less	
		Anti-static (all formulations) 1 or less	
		Anti-static (all formulations) 1 or less	
		Anti-static (all formulations) 5 or less	

Note (3) ÿRegulations on Standards and Methods for Testing and Inspection of Household Chemicals Subject to Safety Confirmationÿ (National Institute of Environmental Sciences)

Below the quantitative limit for each substance presented in the notice)

3. Substances with restricted content

1) The substances in Table 3 below, even if they are not used as raw materials in the product, are

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

serial number	substance name	General (4) Automotive			
		Injection type	Non-jet type	Indoor (5)	External use
1 Formaldehyde		70 or less	120 or less	20 or less	170 or less
2 Acetaldehyde		90 or less	150 or less	20 or less	300 or less
3 Benzene		30 or less	60 or less	10 or less	90 or less
4 Bis(2-ethylhexyl)	Phthalate 5	500 or less	1,000 or less	500 or less	1,000 or less
Glutaraldehyde (6)		30 or less	150 or less - (7)	6 1,4-dioxane (6)	20 or less 150 or less - (7)
					- (7)

serial number	substance name	General use (4) Automobile injection type			
		Non-injection type Indoor use (5) Exterior use 7 Naphthalene			
		products (4) Excluding other repellent products (6)			
20 or less	100 or less	20 or less	200 or less		

antistatic use only (7) No limit on content

2) Substances in Table 4 below are used before product manufacturing including the manufacturing process of product raw materials.

When used in a process, the substance used is

It should meet the content standards.

<Table 4> Standards for the content of substances used in products

(Unit: %(w/w)) Spray non-spray Indoor

serial number	substance name	(8) Outdoor Indoor (8) Outdoor 30 or less - (9) - (9) - (9) less 20 or less 2 or less 10 or less 2 or	
		Propylene glycol 35 or less 35 or less - (9) - (9) 4 Dipropylene glycol methyl ether 45 or less 45 or less - (9) - (9)	
less 15 or less - (9) - (9) 7 Ethylene glycol methylisothiazolinone (MIT), 5-chloro 8 Prohibited Contain 75 or less 75 or less (9) - (9) 6 3-Isopropyl-2-methylisothiazolinone 35 (CMIT) 35 Dodecyldimethylamine oxide 70 or less 70 or less 15 or le			
0.2 or less	0.8 or less 1 or less 2 or less 10 2-Phenoxyethanol 15 or less 75 or less 30 or less 75 or less or less (9) (9) 1,2-Benzisothiazolin-3-one (BIT) Products other than products for outdoor use (9) No restriction		

4. Substances for preservation that can be used in the product

For storage or preservation of products to ensure the shelf life of products

If you want to use biocidal substances, use each of the following substances

can do.

1) Substances shown in Table 4 (Compliance with content standards when used)

2) 1,2-benzisothiazol-3(2H)-one (BIT), borax (borax)

3) Glycerol (limited to leather softening)

Chapter 3 Anti-rust additives

1. Scope of application

Rust inhibitor refers to everyday living spaces such as homes, offices, and multi-use facilities.

metal is corroded through the formation of a film on the surface of an object using chemicals in

Refers to the chemical products used for the purposes in Table 1 to prevent but,

Products that fall under each of the following items are not included.

1) Rust inhibitor for pipes and boilers

2) Abrasives and anti-rust paints

<Table 1> Uses of rust inhibitors

For vehicles (1), for musical instruments, for leisure, for tools, for metal

Note (1) Refers to automobiles, motorized bicycles, bicycles, etc., excluding construction machinery, subject to the ÿRoad Traffic Actÿ

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit

The material presented is unintentionally contained in the product and is technically impossible to completely remove.

It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product.

should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

serial number	substance name	Acceptable limit of detection of applied formulation	
1	Vinyl chloride	All formulations	5 or less
2	Tetrachlorethylene 3	All formulations	5 or less
	Trichlorethylene 4 Nickel 5	All formulations	5 or less
	Dichloromethane	All Formulations	- (2)
		pre-form - (2)	

serial number	substance name	Acceptable limit of detection of applied formulation	
6	ethylene dichloride	All formulations	- (2)

Note (2) ÿRegulations on standards and methods for testing and inspection of household chemical products subject to safety verificationÿ (National Institute of Environmental Sciences)

Below the quantitative limit for each substance presented in the notice)

3. Substances with restricted content

1) The substances in Table 3 below, even if they are not used as raw materials in the product, are

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

Number	substance name	pre-form
1 Formaldehyde 2 Acetaldehyde		70 or less
3 Benzene 4 Bis(2-ethylhexyl)phthalate		50 or less
5 Naphthalene		below 10
		1,000 or less
		100 or less

2) Substances in Table 4 below are used before product manufacturing including the manufacturing process of product raw materials.

When used in a process, the substance used is

It should meet the content standards.

<Table 4> Standards for the content of substances used in products

(Unit: %(w/w))

No. Substance name 1 Dipropylene	Jet type -	non-eject type
glycol methyl ether 2 2,6-di-tert-butyl-p-cresol 3 2-	(4) 10	7 or less
propanol 4 2-butoxyethanol (butyl cellosolve) 5 xylene	or less - (4)	5 or less
(o-, m-, p- total)	- (4) - (4)	40 or less
		25 or less
		3 or less

No. 6	substance name	Jet type Non-jet type	
	Ethanolamine 7 2-(2-	4 or less 1 or less	
	methoxyethoxy)ethanol 8 Hydrochloric acid	- (4) 6 or less	
	or sulfuric acid (3) 9 Benzalkonium chloride	<5 as HCl <5 as HCl	
	(5) Note (3) Maximum permissible acid	8 or less 15 or less	

concentration of the product itself

(4) No restriction on content

(5) Total of benzalkonium chlorides (C12–C18, alkylbenzyldimethylammonium chloride)

4. Substances for preservation that can be used in the product

For storage or preservation of products to ensure the shelf life of products

If you want to use biocidal substances, use each of the following substances can do.

1) Substances shown in Table 4 (Compliance with content standards when used)

2) Linalool, triethanolamine, acetone, copper

Chapter 4 Lubricants

1. Scope of application

Lubricants are used in everyday living spaces such as homes, offices, and multi-use facilities.

Using chemicals to form an oil film on the surface of a solid to reduce friction

Used for the purpose of Table 1 to minimize damage caused by friction

refers to chemicals that However, products that fall under each of the following items

does not include

1) Lubricating oil and grease in accordance with ÿOil and Petroleum Substitute Fuel Business Actÿ

2) Subject to safety verification under Article 15 of the ÿElectrical Appliances and Household Appliances Safety Management Actÿ

Daily necessities (brake fluid for automobiles)

3) Lubricating oil for internal combustion engines certified according to Article 15 of the ÿIndustrial Standardization Actÿ

engine oil, etc.)

4) It is used in food utensils, containers, and packaging and can be transferred to food indirectly.

lubricants (coffee machine lubricants, etc.)

5) Use for products that are likely to harm the human body due to human contact, etc.

Directly used lubricants (electric razor lubricant, human body lubricant, etc.)

<Table 1> Uses of lubricants For

vehicles (1), for musical instruments, for leisure, for tools, for metal

Note (1) Refers to automobiles, motorized bicycles, bicycles, etc., excluding construction machinery, subject to the ÿRoad Traffic Actÿ

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit

The material presented is unintentionally contained in the product and is technically impossible to completely remove.

It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product.

should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

	substance name	Application Formulation	Detection tolerance
Number	1 Vinyl chloride	Before Formulation	5 or less
	2 Tetrachlorethylene 3	Before Formulation	5 or less
	Trichloroethylene 4 Dichloromethane	Before Formulation	5 or less
	5 Ethylene dichloride Note (2)	Before Formulation	- (2)
	ÿRegulations on standards and	Before Formulation	- (2)

methods for testing and inspection of household chemical products subject to safety assuranceÿ (National Institute of Environmental Sciences)

Below the quantitative limit for each substance presented in the notice)

3. Substances with restricted content

1) The substances in Table 3 below, even if they are not used as raw materials in the product, are

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

	substance name	pre-form
Number	1 Formaldehyde 2	70 or less
	Acetaldehyde 3 Benzene 4 Bis(2-	50 or less
	ethylhexyl)phthalate 5 Naphthalene	below 10
	6 Nickel	800 or less
		100 or less
		100 or less

2) Substances in Table 4 below are used before product manufacturing including the manufacturing process of product raw materials.

When used in the process, the substance used is the amount given for that substance.

It should conform to the standard.

<Table 4> Standards for the content of substances used in products

(Unit: %(w/w))

No. Substance name 1 Dipropylene	Jet type Non-jet type
glycol methyl ether 2 2,6-di-tert-butyl-p-cresol 3	- (4) 7 or less
2-propanol 4 2-butoxyethanol (butyl cellosolve)	10 or less 5 or less
5 xylene (o-, m-, p- Total) 6 Ethanolamine 7 2-	- (4) 40 or less
(2-methoxyethoxy)ethanol 8 Hydrochloric acid or	- (4) 25 or less
sulfuric acid (3) 9 Benzalkonium chloride (5) Note	- (4) 3 or less
(3) Maximum permissible acid concentration of	4 or less 1 or less
the product itself	- (4) 6 or less
	<5 as HCl <5 as HCl
	8 or less 15 or less

(4) No restriction on content

(5) Total of benzalkonium chlorides (C12–C18, alkylbenzyldimethylammonium chloride)

4. Substances for preservation that can be used in the product

For storage or preservation of products to ensure the shelf life of products

If you want to use biocidal substances, use each of the following substances

can do.

1) Substances shown in Table 4 (Compliance with content standards when used)

2) Linalool, triethanolamine, acetone, copper

Chapter 5 Ironing auxiliaries

1. Scope of application

Ironing aids are used in everyday life such as home, office, and multi-use facilities.

Chemical products used for the purpose of Table 1 to remove wrinkles from fibers in space say

<Table 1> Uses of ironing aids

For clothes, for textiles

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

serial number	substance name	Acceptable limit of detection of applied formulation	
1	Acetaldehyde 2 Formaldehyde	Pre-formulation	- (1)
3	Glutaraldehyde	Pre-formulation	- (1)
		Pre-formulation	- (1)

Note (1) ÿRegulations on Standards and Methods for Testing and Inspection of Household Chemicals Subject to Safety Confirmationÿ (National Institute of Environmental Sciences)

Below the quantitative limit for each substance presented in the notice)

3. Substances with restricted content

The substances in Table 3 below are not used as raw materials in the product, but

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

No. 1	substance name	pre-form
3-iodine-2-propynyl butyl carbamic acid (IPBC) 2 2-propanol 3		below 10
acetone		60 or less
		20 or less

Chapter 6 Finish Agents

1. Scope of application

Finishing agent refers to everyday life such as home, office, multi-use facility, vehicle, etc.
In order to smoothly finish and protect the surface of wood products in the space,
Chemicals used for a purpose. However, in accordance with the ÿAtmospheric Environment Conservation Actÿ
Paint is not included.

<Table 1> Use of finishing agent

for wood

2. Substances with restricted content

1) The substances in Table 2 below, even if they are not used as raw materials in the product, are
It should conform to the suggested content standards.

<Table 2> Standards for content of substances in products

(Unit: mg/kg)

	substance name	Jet type	non-eject type
Number 1	Naphthalene	10 or less	below 10
2	Benzene	30 or less	20 or less

2) Substances in Table 3 below are used before product manufacturing including the manufacturing process of product raw materials.
When used in a process, the substance used is
It should meet the content standards.

<Table 3> Standards for the content of substances used in products

(Unit: %(w/w))

No.	Substance name	Non-ejection type	spray type	
1	Methylisothiazolinone (MIT) and 5-chloromethylisothiazolinone (CMIT) are prohibited from containing 0.05 or less			
2	1,2-benzisothiazol-3(2H)-one (BIT)	0.3 or less	3 or less	
3	Permethrin	10 or less	2 or less	
4	2-octyl-3(2H)-isothiazolone (OIT)	- (1)	1 or less	
5	dipropylene glycol methyl ether	40 or less	- (1)	

Note (1) No restriction on content

Chapter 7 Hardeners

1. Scope of application

Hardener refers to everyday living spaces such as homes, offices, multi-use facilities, and vehicles.

Used for the purpose of Table 1 to harden leather goods such as shoes and bags in

refers to chemicals.

<Table 1> Use of curing agent

for leather

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit

The material presented is unintentionally contained in the product and is technically impossible to completely remove.

It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product.

should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

No. 1	substance name	application formulation	Detection tolerance
Toluene diisocyanate (2,4-&2,6-TDI) pre-formulation 2 bis(2-ethylhexyl) phthalate pre-			5 or less
formulation			- (1)

Note (1) ÿRegulations on Standards and Methods for Testing and Inspection of Household Chemicals Subject to Safety Confirmationÿ (National Institute of Environmental Sciences)

Below the quantitative limit for each substance presented in the notice)

3. Substances with restricted content

The substances in Table 3 below are not used as raw materials in the product, but

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

Number	substance name	Spray type	non-eject type
1	acrylic acid	250 or less	250 or less

Part 4 Adhesives product group

Chapter 1 Adhesives

1. Scope of application

Adhesives are used in everyday living spaces such as homes, offices, and multi-use facilities.

Chemical products used for the purpose of Table 1 to bond the surfaces of objects to each other.

say However, products that fall under each of the following items are not included.

1) Adhesives used for construction in accordance with Article 2 (1) 8 of the ÿBuilding Actÿ

2) Adhesives made from inorganic materials such as cements and silicate salts as main raw materials

3) Adhesive in the form of glue for stationery and painting, and tape

4) Adhesives made from metal materials such as solder and silver lead

5) Adhesives used for beauty or makeup purposes (for wigs, body hair, accelerated eyebrows,

For double eyelids, artificial nails, etc.)

<Table 1> Uses of

adhesives	General rubber, wood, plastic, leather, textile, metal, ceramics (ceramic, tile),
instant/strength	stone, glass, paper, clay, For masonry (gypsum), for film

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit

The material presented is unintentionally contained in the product and is technically impossible to completely remove.

It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product.

should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

serial number	substance name	Application Formulations and Products	Detection tolerance
1	Triphenyl tin compound (TPT) 2 Tributyl tin	All Formulations	- (1)
	compound (TBT) 3 Organic mercury compound	All Formulations - (1)	
	4 Vinyl chloride 5 Toluene-2,4-diisocyanate 6	All - (1)	
	Acrylonitrile 7 Tetrachloroethylene 8	formulations All formulations (excluding adhesives for PVC) - (1)	
	Trichloroethylene 9 Arsenic	All	- (1)
		formulations All formulations (excluding cyanoacrylate series) - (1)	
		All formulations 5 or less	
		All formulations 5 or less	
		Spray type 5 or less	

Note (1) ÿRegulations on Standards and Methods for Testing and Inspection of Household Chemicals Subject to Safety Confirmationÿ (National Institute of Environmental Sciences)

Below the quantitative limit for each substance presented in the notice)

3. Substances with restricted content

1) The substances in Table 3 below, even if they are not used as raw materials in the product, are

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

serial number	substance name	For general use, momentary and powerful use			
		Jet type Non-eject type Jet type Non-eject type			
1	Formaldehyde 2	50 or less 100 or less 50 or less (2) 100 or less (2)			
	Acetaldehyde 3 Chloroform 4	350 or less 1,000 or less 350 or less - (5)			
	Toluene 5 Dimethylformamide 6	120 or less 1,000 or less 120 or less 1,000 or less			
	Dichloromethane 7 Arsenic 8	1,000 or less 1,000 or less 1,000 or less 1,000 or less			
	Benzene 9 Xylene (o-, m-, p-total)	300 or less 1,000 or less 300 or less - (5)			
	1,000 or less 1,000 or less 1,000	200 or less 800 or less 200 or less 800 or less			
	or less - (5)	- (5)	20 or less - (5) 20 or less		
		20 or less 60 or less 20 or less 60 or less			
10	Hydroquinone (3) - (5) - (5) 1,000 or less		- (5)		
11	Acrylonitrile (3) - (5) 200 or less 200 or less		- (5)		

serial number	substance name	For general use Momentary and powerful use			
		Jet type Non-eject type Jet type Non-eject type			
12	Vinyl Chloride	(4) - (5)	200 or less	200 or less	- (5)

Note (2) Apply less than 1% of instant/strong adhesives containing cyanoacrylate-based materials as main components
(3) Applied to instant/strong adhesives containing cyanoacrylate-based substances as main components
(4) PVC (Polyvinyl chloride) polymer as the main component or only applied to adhesives for PVC
(5) No restriction on content

2) Substances in Table 4 below are used before product manufacturing including the manufacturing process of product raw materials.

When used in a process, the substance used is

It should meet the content standards.

<Table 4> Standards for the content of substances used in products

(Unit: %(w/w))

No.	Substance name	Injection	non-eject type
1	2,6-di-tert-butyl-p-cresol	type 20 or	50 or less
2	2-octyl-3(2H)-isothiazolone	less 3 or	7 or less
3	Ethylene oxide	less 50 or	- (6)
4	Benzalkonium chloride (7)	less 65 or less	- (6)
Note (6)	No restriction on content		

(7) Total of benzalkonium chlorides (C12–C18, alkylbenzyldimethylammonium chloride)

4. Substances for preservation that can be used in the product

For storage or preservation of products to ensure the shelf life of products

If you want to use biocidal substances, use each of the following substances

can do.

1) Substances shown in Table 4 (Compliance with content standards when used)

2) Ethanol, propylene glycol, dipropylene glycol methyl ether, 1,2-benziso

Thiazol-3(2H)-one (BIT), sodium carbonate, 2-phenoxyethanol, ethylene glycol,

Benzyl alcohol, 2-butoxyethanol (butyl cellosolve), 3-iodine-2-propanyl butyl

Carbamic acid (IPBC), methanol, xylene, acetone, silver, propyl alcohol, phenol, t-butanol

Chapter 2 Gap and crack fillers

1. Scope of application

Bonding agents are used in everyday living spaces such as homes, offices, and multi-use facilities.

Chemicals used for the purpose of Table 1 to fill cracks or gaps in objects

say However, products that fall under each of the following items are not included.

1) Bonding agent used in construction pursuant to Article 2 (1) 8 of the ÿBuilding Actÿ

2) Putty for car

3) Install a tire repair device (repair kit, etc.) that can be injected without external leakage.

Tire sealant for automobiles injected using

<Table 1> Uses of binders

For filling gaps, joining joints, for filling scratches

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit

The material presented is unintentionally contained in the product and is technically impossible to completely remove.

It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product.

should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

serial number	substance name	Acceptable limit of detection of applied formulation
1	Pre-formulation of benzene 2 Pre-formulation of tetrachlorethylene 3 Pre-formulation of	5 or less
trichlorethylene 4	Pre-formulation of bis(2-ethylhexyl)phthalate Note (1) ÿRegulations on Standards	5 or less
and Methods for Testing and Inspection of Household Chemicals Subject to Safety Certification ÿ	(National	5 or less
Institute of Environmental Sciences)		- (1)

Below the quantitative limit for each substance presented in the notice)

3. Substances with restricted content

1) The substances in Table 3 below, even if they are not used as raw materials in the product, are

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

	substance name	pre-form
Number 1 Formaldehyde 2		100 or less
Acetaldehyde 3 Naphthalene		1,000 or less
4 Aluminum 5 Propylene glycol		2,000 or less
methyl ether acetate 6 1-		3,000 or less
dodecanol		9,000 or less
		20,000 or less

2) Substances in Table 4 below are used before product manufacturing including the manufacturing process of product raw materials.

When used in a process, the substance used is

It should meet the content standards.

<Table 4> Standards for the content of substances used in products

(Unit: %(w/w))

No. Material name 1 1,2,4-	Injection	non-eject type
trimethylbenzene 2 1,3,5-	type 20 or	1.5 or less
trimethylbenzene 3 Lithium Note	less 20 or	1 or less
(2) No restriction on content	less - (2)	below 10

4. Substances for preservation that can be used in the product

For storage or preservation of products to ensure the shelf life of products

If you want to use a biocidal substance, the substances listed in Table 4 (when using

content standards) can be used.

Chapter 3 Hardening accelerators

1. Scope of application

Hardening accelerator means everyday living space such as home, office, multi-use facility, etc.

As an admixture used to accelerate the curing of the adhesive in

Chemicals used for a purpose.

<Table 1> Use of curing accelerator

For Adhesive(1)

Note (1) Limited to products used in adhesives, which are household chemical products subject to safety verification

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit

The material presented is unintentionally contained in the product and is technically impossible to completely remove.

It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product.

should not be detected.

<Table 2> Prohibited Substances in Products

(mg/kg)

No. Substance name 1 Nitromethane		Formulation	detection limit - (2)
		before application	

Note (2) Less than the quantitative limit for each substance presented in "Regulations on Standards and Methods for Testing and Inspection of Household Chemicals Subject to Safety Confirmation" (Notice by National Institute of Environmental Science)

3. Substances with restricted content

1) The substances in Table 3 below, even if they are not used as raw materials in the product, are

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

serial number	substance name	Spray type	non-eject type
1	benzene	25 or less	25 or less

2) The entire process of product manufacturing including the manufacturing process of raw materials for the substances in Table 4 below

When used in

It should conform to the standard.

<Table 4> Standards for the content of substances used in products

(Unit: % (w/w)

Number	substance name	Spray type	non-eject type
1	titanium dioxide	1 or less	12 or less (3)

Note (3) 1% or less applies to powder type

4. Substances for preservation that can be used in the product

For storage or preservation of products to ensure the shelf life of products

If you want to use biocidal substances, use each of the following substances

can do.

1) Substances shown in Table 4 (Compliance with content standards when used)

2) ethanol, isopropyl alcohol; 2-propanol

Part 5 Air freshener product group

Chapter 1 Air fresheners

1. Scope of application

Air fresheners are used in everyday living spaces such as homes, offices, vehicles, and multi-use facilities.

Refreshing the mood of space users by continuously emitting a good smell

Refers to chemical products used for the purposes in Table 1. However, in each of the following

Applicable products, etc. are not included.

1) Cosmetics (perfume, powder fragrance, sachet, cologne, body odor) according to Article 2, Item 1 of the ÿCosmetics Actÿ

prevention, etc.)

2) Medicines (fragrance treatment, etc.) according to Article 2, Item 4 of the ÿPharmaceuticals Actÿ

3) Products that do not artificially add fragrance, such as ceremonial incense and dried petals

4) Products that are worn on the body or attached to clothing, such as patches and necklaces

<Table 1> Uses of fragrances

automotive	indoor use
general use	For indoor space, for textile, for leather

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit

The material presented is unintentionally contained in the product and is technically impossible to completely remove.

It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product.

should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

No.	Application	Formulation	Detection Limit	Permissible Limit
1	Formulation before benzene	5 or less		
2	Formulation before vinyl chloride	5 or less		
3	Trichlorethylene	Formulation 5 or less		
4	Pre-formulation of tetrasodium borate salt - (1)			- (1)
5	All formulations of 1,4-dichlorobenzene Note (1) ÿRegulations on standards and methods for testing and inspection			

of household chemical products subject to safety verificationÿ (National Institute of Environmental Sciences)

Below the quantitative limit for each substance presented in the notice)

3. Substances with restricted content

1) The substances in Table 3 below, even if they are not used as raw materials in the product, are

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

Continuous injection type	Non-jet type	substance name		
1	Formaldehyde	12 or less	25 or less	
2	Methanol	2,000 or less	2,000 or less	
3	Glyoxal	30 or less	70 or less	
4	3-iodine-2-propynyl butyl carbamic acid (IPBC) 8 or less - (2)			- (2)
5	Bis(2-ethylhexyl)phthalate (DEHP) 1,600 or less 6 Acetaldehyde 60 or less		300 or less	
7	4-Methoxybenzyl alcohol 100 or less Note (2) No restriction on content			- (2)

2) Substances in Table 4 below are used before product manufacturing including the manufacturing process of product raw materials.

When used in a process, the substance used is

It should meet the content standards.

<Table 4> Standards for the content of substances used in products

(Unit: %(w/w))

serial number	substance name	Injection		Non-jet type	
		type General use Automobile (indoor use)		General automobile 1 Propylene (For indoor)	
glycol	- (3) 47 or less - (3) 3 or less 1 or less - (3)	2 or less 37 or less 3 2-(3) 4 Benzoic acid	Salicylic acid 5 Benzyl alcohol 25 or less 12 or less - (3) 35 (3)		
glycol	27 or less 13 or less - (3) 7 Methyl salicylate	1,2-benzisothiazol-3-1 less 21 or less - (3) 0.3 or less 0.2 or less 0.7 - (3) 6 Ethylene (2H)-one (3)			
(BIT)	9 Triclosan 26 or less 16 or less - (3) 10-Didecyldimethylammonium chloride 11 Silver 12 Benzalkonium (3) 0.04 or less 0.02 or less - (3) 0.01 or less 0.005 or less (3)				
- (3) 1	3 pyrethrum 2-octyl-3(2H)- 0.4 or less 0.2 or less (4) 0.06 or less isothiazolone 0.04 or less propylene glycol (3) 1 or less 0.7 Methyl-1(3) (3)				
Ether	16 Triethanolamine 17 Alpha-pinene 18 Diphenyl ether 19 Vinyl acetate Note (3) Unlimited content (4) Tetra-dodecyl 20 Acetate chloride of benzalkonium chlorides (3) (3)				
		(C12–C18, alkylbenzyldimethylammonium chloride)			- (3) - (3)
					- (3) - (3)
					- (3)
14					
		- (3) 57 or less - (3) - (3) 2 or less 1 or less - (3) - (3) 7			
		or less 3 or less 39 or less 30 or less 1 or less 0.6 or less or 7			
		less 6 or less 5 or less 2 or less 26 or less 20 or less 6 or less			
		3 or less 35 or less 27 or less			

4. Preservative substances that can be used in the product

For storage or preservation of products to ensure the shelf life of products

If you want to use biocidal substances, use each of the following substances

can do.

1) Substances shown in Table 4 (Compliance with content standards when used)

2) Ethanol, terpineol, 3,7-dimethylnona-1,6-dien-3-ol, acetone, 4-(2,6,6-t)
Lymethyl-1-cyclohexen-1-yl)-3-buten-2-one, propane, 9-acetyl
-8-Sedrene, ethyl 2,3-epoxy-3-phenylbutrate, tetrahydro-2-
Isomer mixed with isobutyl-4-methylpyran-4-ol, 3,7-dimethyl-3-octanol,
Benzylbenzoate

Chapter 2 Deodorizing agents

1. Scope of application

Deodorant means everyday living space such as home, office, vehicle, multi-use facility, or Used for the purpose of Table 1 to remove odors from products such as clothes, textiles, and shoes refers to chemicals that However, products that fall under each of the following items does not include

1) Deodorant that is used or applied directly to the human body or animal

2) If there is a risk of harm to the human body due to direct attachment, insertion, or contact with the human body

Deodorant for products (sanitary napkins, underwear, etc.)

<Table 1> Use of deodorant

automotive	indoor use
general use	For indoor space, for object, for closed space (1)

Note (1) It is limited to spaces that people cannot enter, such as refrigerators and shoe cabinets, and the detailed use must be described together.

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit The material presented is unintentionally contained in the product and is technically impossible to completely remove. It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product. should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

Number	substance name	Formulation before	Detection tolerance
1	Ethylene Oxide	2 application Formulation	- (2)
	Naphthalene	before formulation	- (2)

Number	substance name	Application Formulation	Detection tolerance
3 Benzene 4		Before Formulation	5 or less
Trichlorethylene 5 Vinyl chloride 6		Before Formulation	5 or less
Tetrasodium boronic acid 7 1,4-		Before Formulation	- (2)
dichlorobenzene Note (2) ÿRegulations		Before Formulation	- (2)
on Standards and Methods for Testing		Before Formulation	- (2)

and Inspection of Household Chemicals Subject to Safety Confirmationÿ (National Institute of Environmental Sciences)

Below the quantitative limit for each substance presented in the notice)

3. Substances with restricted content

1) The substances in Table 3 below, even if they are not used as raw materials in the product, are

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

No. Substance name 1 Formaldehyde 2	Injection	non-eject type
Methanol 3 Acetaldehyde 4 Chlorine	type 12 or	25 or less
dioxide 5 3-iodine-2-propynyl butyl	less 2,000 or	2,000 or less
	less 70 or	300 or less
	less 2 (3) or	2 (3) or less
Carbamic acid (IPBC) 6	less 8 or less	- (4)
glyoxal stock (3) Limited to liquid	30 or less	70 or less

products, the unit is mg/L

(4) No restriction on content

2) Substances in Table 4 below are used before product manufacturing including the manufacturing process of product raw materials.

When used in a process, the substance used is

It should meet the content standards.

<Table 4> Standards for the content of substances used in products

(Unit: %(w/w))

No.	Substance name	Injection type			Non-jet type	
		For indoor spaces	For confined spaces (for indoor use)	For automotive (for indoor use)	For general use	For automobiles
1	Propylene glycol	- (5)	- (5)	46 or less	- (5)	- (5)
2	Benzoic acid	3 or less	10 or less	1 or less	- (5)	- (5)
3	2-propanol	81 or less	19 or less	37 or less	- (5)	- (5)
4	Salicylic acid	0.2 or less	1 or less	0.4 or less	- (5)	- (5)
5	Benzyl alcohol	2 or less	6 or less	2 or less	- (5)	- (5)
6	Ethylene glycol	7 or less	27 or less	7 or less	- (5)	- (5)
7	Methyl salicylate	1 or less	5 or less	1 or less	- (5)	- (5)
8	Benzyl benzoate	9 or less	27 or less	9 or less	- (5)	- (5)
9	1,2-benzisothiazol-3(2H)-one (BIT)	0.1 or less	0.3 or less	0.1 or less	- (5)	- (5)
10	Didecyldimethyl chloride	8 or less	16 or less	3 or less	- (5)	- (5)
11	Ammonium chloride	0.04 or less	0.12 or less	0.05 or less	- (5)	- (5)
12	Silver zeolite	0.3 or less	1 or less	0.4 or less	- (5)	- (5)
13	2-octyl-2H-isothiazol-3-one (OIT)	0.02 or less	0.06 or less	0.02 or less	- (5)	- (5)
14	Natural pyrethrum	0.7 or less	2 or less	0.7 or less	- (5)	- (5)
15	2-octyl-2H-isothiazol-3-one	0.1 or less	0.3 or less	0.1 or less	- (5)	- (5)
16	Dipropylene glycol	46 or less	56 or less	17	- (5)	- (5)
17	Triethanolamine	2 or less	10 or less	1 or less	- (5)	- (5)
18	Ethylenediaminetetraacetic acid, tetrasodium salt	0.9 or less	6	Less than 0.5	- (5)	- (5)
19	Alpha-Pinene	6 or less	10 or less	4 or less	39 or less	30 or less
20	Morpholine	7 or less	10 or less	4 or less	39 or less	30 or less
21	Triethylene glycol monobutyl ether	9 or less	31 or less	9 or less	21	31
22	Monoethanolamine	0.3 or less	0.5 or less	0.2	Less than 2	or less 1 or less
23	Tricyclo decenyl acetate	6 or less	9 or less	4 or less	35 or less	27 or less
24	Hydrochloric acid	less than 0.5	Less than 0.8	Prohibited	Less than 3	Less than 2
25	Silicon dioxide	Less than 0.1	Less than 1.0	Less than 0.08	- (5)	- (5)
26	Zinc oxide	Less than 0.1	Less than 0.2	Less than 0.1	- (5)	- (5)

Note (5) Indicates products other than

automobiles.

(5) No restriction on content (6) Total of benzalkonium chlorides (C12–C18, alkylbenzyldimethylammonium chloride)

4. Substances for preservation that can be used in the product

For storage or preservation of products to ensure the shelf life of products

If you want to use biocidal substances, use each of the following substances can do.

1) Substances shown in Table 4 (Compliance with content standards when used)

2) Ethanol, 1,3-bis(hydroxymethyl)-5,5-dimethyl-2,4-imidazolididi

Nedion, terpineol, acetone, 9-acetyl-8-cedrene, propane, xylenesul

Sodium Phonate

Part 6 Dye and Colorant painting product group

Chapter 1 Dye agents

1. Scope of application

Object dyes are used in everyday life such as homes, offices, and multi-use facilities.

For the purpose of Table 1, in order to color by penetrating chemicals into objects in space.

refers to the chemicals used. However, products that fall under each of the following items

does not include

1) Dyes according to subparagraphs 1 and 2 of Article 2 of the ÿCosmetics Actÿ and other dyes for human use

2) Annex to ÿSafety standards for children's products subject to safety verificationÿ announced by the Ministry of Trade, Industry and Energy

Colors according to 11 (School Supplies)

3) Art supplies (general painting paints, etc.)

<Table 1> Uses of object dyes

For clothes, for textiles, for shoes, for leather

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit

The material presented is unintentionally contained in the product and is technically impossible to completely remove.

It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product.

should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

serial number	substance name	Acceptable limit of detection of applied formulation
1	Formulation before vinyl chloride 5 or less	
2	Before 4,4'-methylenebis(2-chloroaniline) Formulation 3 Before Lead Formulation 1 or	- (1)
	less	
4	All cadmium formulations 1 or less	
5	Pre-mercury Formulation 1 or less	
6	Pre-arsenic formulation 5 or less	
7	Formulation before hexavalent chromium 8 Formulation before trichlorethylene 5 or	- (1)
	less	
9	All formulations of tetrachlorethylene 5 or less	
10	Azo dyes (2) - (1)	All formulations

Note (1) ÿRegulations on standards and methods for testing and inspection of household chemical products subject to safety verificationÿ (National Institute of Environmental Sciences)

Below the quantitative limit for each substance presented in the notice)

(2) 24 species: 4-aminobiphenyl, benzidine, 4-chloro-o-toluidine, 2-naphthylamine, o-aminoazotolu N, 5-nitro-o-toluidine, p-chloroaniline, 2,4-diaminoanisole, 4,4'-methylenedianiline, 3, 3'-dichlorobenzidine, 3,3'-dimethoxy-[1,1-biphenyl]-4,4'-diamine, 3,3'-dimethylbenzidine, 4,4''-methyl Lenbis (2-methylaniline), P-cresidine, 4,4'-methylenebis (2-chloroaniline), 4,4''-oxydianiline, 4,4''-thiodianiline, o-toluidine, toluene-2,4-diamine, 2,4,5-trimethylaniline, o-anissy Dean, p-aminoazobenzene, m-xylidine, 2,6-xylidine

3. Substances with restricted content

1) The substances in Table 3 below, even if they are not used as raw materials in the product, are

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

No. 1	substance name	Spray	non-eject type
Benzene 2 1,4-		type 30 or	40 or less
dioxane		less 20 or less	20 or less

2) Substances in Table 4 below are used before product manufacturing including the manufacturing process of product raw materials.

When used in a process, the substance used is

It should meet the content standards.

<Table 4> Standards for the content of substances used in products

(Unit: %(w/w))

Substance name			
Spray type 1 Butyl Cellosolve 75 or less 2 Toluene 25 or less 3 Xylene (o-, m-, p-total) 55 or			non-eject type
less 4 Formic acid 30 or less 5 Methylisothiazolinone (MIT), 5-chloromethylisothiazoli		Prohibition	- (2)
of containing the sum of paddy fields (CMIT)			20 or less
			70 or less
			20 or less
			3 or less

Note (2) No restriction on content

4. Substances for preservation that can be used in the product

For storage or preservation of products to ensure the shelf life of products

If you want to use biocidal substances, use each of the following substances

can do.

1) Substances shown in Table 4 (Compliance with content standards when used)

2) Dipropylene glycol methyl ether, sodium carbonate

Chapter 2 Colorant painting agents

1. Scope of application

Object paints are used in everyday life such as homes, offices, vehicles, and multi-use facilities.

Chemicals used for the purpose of Table 1 to color the surface of objects in living space

say product. However, products that fall under each of the following items are excluded.

1) Paint according to ÿAir Environment Conservation Actÿ

2) Art supplies (general painting paints, etc.)

<Table 1> Uses and formulations of colorants for objects

Use For		formulation
automobiles (1) For indoor and outdoor use, for		Common Formulation Criteria
general use	wood, for plastic, for metal, for glass, for stone (cement), for leather	Spray type (spray type)

Note (1) Limited to automobile parts repair

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit

The material presented is unintentionally contained in the product and is technically impossible to completely remove.

It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product.

should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

Number	substance name	Acceptable limit of detection of applied formulation	
1	Vinyl chloride 2 4,4'-	All formulations 5 or less	
methylenebis(2-chloroaniline) 3 Lead 4 Cadmium		All Formulations	- (2)
		Before Formulations 1 or less	
		All formulations 1 or less	

	substance name	Acceptable limit of detection of applied formulation	
Number 5	Mercury	All formulations 1 or less	
6	Arsenic 7	All formulations 5 or less	
	Hexavalent Chromium	All Formulations	- (2)
8	Trichlorethylene 9	Before Formulations 5 or less	
	Tetrachlorethylene	All formulations 5 or less	

Note (2) ÿRegulations on standards and methods for testing and inspection of household chemical products subject to safety verificationÿ (National Institute of Environmental Sciences)
Below the quantitative limit for each substance presented in the notice)

3. Substances with restricted content

The substances in Table 3 below are not used as raw materials in the product, but

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

No. 1	substance name	General (3) Automotive		
		Spray type	Indoor use	External use
	Benzene 2 1,4-	30 or less	30 or less	40 or less
	dioxane 3 Copper (4)	30 or less	30 or less	800 or less
		2,000 or less	2,000 or less	50,000 or less

Note (3) Refers to all products other than automobile-exclusive products
(4) Applied to materials containing copper

4. Substances for preservation that can be used in the product

For storage or preservation of products to ensure the shelf life of products

If you want to use biocidal substances, use each of the following substances

can do.

1) ethanol, 2-propanol, acetone

Part 7 Auto product group

Chapter 1 Windshield washer fluids for automobiles

1. Scope of application

Car washer fluid is used to clean the front and rear windshields of a car with a wiper.

Refers to chemical products used for the purposes in Table 1.

<Table 1> Uses of washer fluid for automobiles

Use(1)	formulation
Liquid type for general use and water repellency Note (1) General use: washer fluid containing ethanol as the main component For water repellency: washer fluid with a water repellent function by adding silicone components to the washer fluid containing ethanol as the main component	

2. Substances with restricted content

1) The substances in Table 2 below, even if they are not used as raw materials in the product, are

It should conform to the suggested content standards.

<Table 2> Standards for content of substances in products

(Unit: %(w/w))

substance name	For general use and water repellency
methanol	0.6 or less

3. Safety requirements

The washer fluid for automobiles is uniform and does not contain sediment and floating foreign substances.

As a colored liquid, it should conform to the standard values for each use in Table 3.

<Table 3> Safety requirements for washer fluid for automobiles (2)

Item General Freezing point (undiluted solution) , ÿ - 25.0 or less				water repellent
pH value		Stock solution 6.5 ÿ 10.0 4.0 ÿ 10.0		
		Minimum concentration 6.5 ÿ 10.0 4.0 ÿ 10.0		
Detergency (minimum use concentration) Compared with the control solution, the detergency should be equal or higher				
Mixability (undiluted solution, sample: mixed test solution = 50:50) There should be no separation, sediment or precipitate				
Water repellency (°)		Minimum concentration of undiluted solution	-	65 or more
for metal causticity (minimum use concentration) [(50±2)ÿ, 48h]	weight change mg/cm2	Aluminum	± 0.30	
		Brass	± 0.15	
		Galvanized Steel Sheet	± 0.80	
	Appearance of test piece after test		In addition to specimen and spacer contacts, significant pitting and there will be no hesitation	
for rubber effect (undiluted solution) [(50±2)ÿ, 120h]	weight change %	Natural rubber ± 1.5		
		Chloroprene rubber ± 2.0		
		Ethylene propylene rubber ± 2.0		
	hardness change IRHD or HS	Natural rubber ± 3.0		
		Chloroprene rubber ± 3.0		
		Ethylene Propylene Rubber ± 3.0		
	After the test, there should be no viscosity, separation of carbon black, cracks, etc. on the outer surface of the test piece.			
paint (paint) coating film) About effect (undiluted solution) [(50±2)ÿ, 6h]	after the exam paint (paint) coating film) superficial appearance	heat treated acrylic resin enamel paint plate (Metallic)	jean	There is no softening or swelling of the paint film (paint coating film), and there is no gloss and there should be no significant change in color before and after the test. In addition, the fixation of the pigment contained in the washer fluid is negligible. as little as possible
		amino alkyd resin enamel paint plate (solid color)	hundred	
			black	
plastic for effect [(50±2)ÿ, 120h]	weight change mg/cm2	Polyethylene resin ± 1.0		
		Polypropylene resin ± 1.0		
		ABS resin ± 4.0		
		Soft vinyl chloride resin ± 3.0		
		Polyacetal resin ± 3.0		
	After the test, there should be no significant deformation in the appearance of the test piece.			
stability	Heating stability		Stock solution 6.5 ~ 10.0 pH value	4.0 ÿ 10.0
			Minimum concentration 6.5 ÿ 10.0 [(50±2)ÿ, 8h]	4.0 ÿ 10.0
		Appearance of liquid after test No crystalline precipitate		
	Low temperature stability [(-15±2)ÿ, 8h]	There should be no crystalline precipitate of the stock solution		
		Minimum use concentration No crystalline precipitate		
Record the flash point (undiluted solution) measurement.				

Note (2) Safety requirements for the washer fluid included in the vehicle when a new vehicle is shipped out meet the standards managed separately by the vehicle manufacturer.
Applicable

Chapter 2 Engine antifreezes

1. Scope of application

Antifreeze is used to prevent freezing and corrosion of coolant for liquid-cooled internal combustion engines.

Refers to chemical products used for the purposes listed in Table 1.

<Table 1> Uses of antifreeze for automobiles

	formulation
Application For vehicle (ethylene glycol type) For vehicle (propylene glycol type)	liquid

2. Safety requirements

Antifreeze for automobiles is uniform and does not contain sediment and floating foreign matter.

As a colored liquid , it should comply with the standard values for each use in Table 2 or Table 3.

<Table 2> Safety requirements for concentrated antifreeze (1)

port				Ethylene glycol type	Propylene glycol type
Freezing point (ÿ)			Wood 50 vol % aqueous solution	-34.0 or less	-32.0 or less
			30 vol % aqueous solution	-14.5 or less	-
pH			30 vol % aqueous solution	7.0ÿ11.0	-
			50 vol % aqueous solution	-	7.5ÿ11.0
Reserve alkalinity (2)			undiluted solution	report	
metal causticity 30 vol % mixed aqueous solution (88±2) ÿ, (336±2) h	gold inside city hum side	weighty amount of change (mg/cm2)	Aluminum casting Cast	±0.30	±0.30
			iron steel Brass	±0.15	±0.15
			Solder copper	±0.15	±0.10
				±0.15	±0.10
				±0.30	±0.30
				±0.15	±0.10
		appearance		In addition to the contact part between the test piece and the spacer There should be no corrosion visible to the naked eye. However, discoloration is not limited.	
		Change in pH of		No foam overflowing from the cooler	
	exam later liquid appearance	bubble		6.5ÿ11.0	
		during test		±1.0	
		Change in preliminary alkalinity (%)		report	
		Liquid phase		There should be no significant change in color. Separation of liquid, generation of gel, etc. There should be no significant changes.	
		Sedimentation amount (volume %)		0.5 or less	
importance Ethylene glycol (20/20 ÿ) Propylene glycol (15.5/15.5 ÿ) Boiling point (ÿ) Foaming			undiluted	1.114 or higher	1.030ÿ1.065
(mL) Moisture (%)			undiluted	155 or more	152 or more
			solution 30 vol %	4 or less	
			aqueous solution	5.0 or less	
Cyclic corrosion 30 vol % mixed aqueous solution (88±3) ÿ, (1000±2) h	gold inside city hum side	weighty amount of change (mg/cm2)	undiluted solution	±0.60	
			aluminum casting	±0.30	±0.20
			cast iron steel	±0.30	±0.20
			brass solder	±0.30	±0.20
			copper	±0.60	
				±0.30	±0.20
		appearance		In addition to the contact part between the test piece and the spacer There should be no corrosion visible to the naked eye. However, there is no problem with discoloration	
	after the exam liquid properties		pH	6.5ÿ11.0	
			change of pH	±1.0	
			reserve of alkalinity change(%)	report	
			There should be no significant change in liquid color. There should be no significant changes such as separation of the liquid or generation of gel.		
	condition of the part		It does not cause malfunction during operation of the actual pump part, and No leaks or abnormal noises		
			of pump gauging		
			There should be no significant change in the inner surface and the pump blade.		

Note (1) Safety requirements for antifreeze included in vehicles at the time of shipment of new vehicles are based on standards managed separately by vehicle manufacturers.

Applicable

<Table 3> Safety requirements for 50% by volume dilution type antifreeze (2)

neck				Ethylene glycol type Propylene glycol type	
Freezing point			undiluted	-34.0 or less -32.0 or less	
(ÿ) pH			undiluted	7.0ÿ11.0 7.5ÿ11.0	
Reserved alkalinity (4)			undiluted	report	
metal causticity 60 vol % mixed aqueous solution (88±2) ÿ, (336±2) h	gold inside city hum side	weighty amount of change (mg/cm2)	solution Aluminum	±0.30 ±0.30	
			Casting Cast	±0.15 ±0.15	
			iron Steel	±0.15 ±0.10	
			Brass Solder	±0.15 ±0.10	
			Copper	±0.30 ±0.30	
				±0.15 ±0.10	
		appearance		In addition to the contact part between the test piece and the spacer There should be no corrosion visible to the naked eye. However, discoloration is not limited.	
	No foam overflowing from the bubble cooler during the test				
	exam later liquid appearance	pH 6.5ÿ11.0			
		Change in pH ±1.0			
		Change (%) of preliminary alkalinity report			
		liquid phase		There should be no significant change in color. Separation of liquid and silver, generation of gel, etc. There should be no significant changes.	
		Sedimentation amount (volume %) 0.5 or less			
importance Ethylene glycol (20/20 ÿ) Propyrene glycol (15.5/15.5 ÿ) Boiling point (ÿ) Foaming			undiluted	1.065 or higher	1.025 or higher
(mL)			undiluted	108 or more	104 or more
			solution 60 vol % aqueous	and 4 or less	
Cyclic corrosion 60 vol % mixed aqueous solution (88±3) ÿ, (1000±2) h	gold inside city hum side	weighty amount of change (mg/cm2)	solution Aluminum	±0.60	
			casting Cast iron	±0.30	±0.20
			Steel Brass	±0.30	±0.20
			Solder copper	±0.30	±0.20
				±0.60	
				±0.30 ±0.20	
		appearance		In addition to the contact part between the test piece and the spacer There should be no corrosion visible to the naked eye. However, there is no problem with discoloration	
	after the exam liquid properties		pH	6.5ÿ11.0	
			change of pH	±1.0	
			reserve of alkalinity change(%)	report	
			There should be no significant change in liquid color. There should be no significant changes such as separation of the liquid or generation of gel.		
	condition of the part		It does not cause malfunction during operation of the actual pump part, and No leaks or abnormal noises		
			of pump gauging		
			There should be no significant change in the inner surface and the pump blade.		

Note (2) Safety requirements for antifreeze included in the vehicle when a new vehicle is shipped out meet the standards managed separately by the vehicle manufacturer.

Applicable

Chapter 1 Ink cartridges and toners

1. Scope of application

Printing inks and toners are used in everyday life such as home, office, and multi-use facilities.

Used for inkjet printers used for document printing in living spaces

Consumables such as liquid form and powder used in laser printers or copiers

It refers to chemical products used for the purposes in Table 1 as consumables such as form.

<Table 1> Uses of printing ink and toner

Printing Ink, Printing Toner

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit

The material presented is unintentionally contained in the product and is technically impossible to completely remove.

It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product.

should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

serial number	substance name	Acceptable limit of detection of applied formulation	
1	Lead	2	Before Formulation	1 or less
Cadmium	3	Before Formulation	1 or less
Mercury	4	Before Formulation	1 or less
Arsenic	5	Before Formulation	5 or less
Hexavalent Chromium		Before Formulation	- (1)
6	Nonylphenols	Before Formulation	- (1)

No. 7	substance name	Acceptable limit of detection of applied formulation
Azo dye	(2) All formulations Note (1) ÿRegulations on standards and methods for testing and inspection of household chemical products subject to safety verificationÿ (National Institute of Environmental Sciences) Below the quantitative limit for each substance presented in the notice)	- (1)

(2) 24 species: 4-aminobiphenyl, benzidine, 4-chloro-o-toluidine, 2-naphthylamine, o-aminoazotolu N, 5-nitro-o-toluidine, p-chloroaniline, 2,4-diaminoanisole, 4,4'-methylenedianiline, 3, 3'-dichlorobenzidine, 3,3'-dimethoxy-[1,1-biphenyl]-4,4'-diamine, 3,3'-dimethylbenzidine, 4,4''-methyl Tylenebis(2-methylaniline), P-cresidine, 4,4'-methylenebis(2-chloroaniline), 4,4''-oxydianyl Lin, 4,4''-thiodianiline, o-toluidine, toluene-2,4-diamine, 2,4,5-trimethylaniline, o-a Nisidine, p-aminoazobenzene, m-xylidine, 2,6-xylidine

3. Substances with restricted content

The substances in Table 3 below are not used as raw materials in the product, but

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

substance name	printing ink	toner for printing
benzene	17 or less	5 or less

Chapter 2 Red seal ink pads

1. Scope of application

Inju is a term used in everyday living spaces such as homes, offices, and multi-use facilities.

Oil and lake pigment are added to fibers such as cotton and sawdust for office use.

It is a red color product used for painting and stamping.

Chemicals used for a purpose.

However, stamp ink and calligraphy that are used by putting or impregnating the sponge with ink

The pad for optimism used in etc. is not included.

<Table 1> Use of Injury

office use

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit

The material presented is unintentionally contained in the product and is technically impossible to completely remove.

It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product.

should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

serial number	substance name	application formulation	Detection tolerance
1	Arsenic 2	pre-form	5 or less
	Cadmium	pre-form	1 or less

3. Substances with restricted content

The substances in Table 3 below are not used as raw materials in the product, but

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

Serial	substance name	pre-form
number 1		500 or less
mercury 2 lead		500 or less

Chapter 3 Correction fluids and tapes

1. Scope of application

Correction fluid and correction tape are used in everyday life such as home, office, and multi-use facilities.

In a typical living space, writing with a ballpoint pen, etc. that cannot be erased with an eraser, etc.

A liquid or tape type product used for correction, for use in Table 1

refers to the chemicals used.

<Table 1> Uses of correction fluid and correction tape

for document editing

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit

The material presented is unintentionally contained in the product and is technically impossible to completely remove.

It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product.

should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

serial number	substance name	application formulation	Detection tolerance
1	Benzene 2	pre-form	5 or less
	Tetrachlorethylene	pre-form	5 or less

Part 9 Beauty product group

Chapter 1 Adhesives for beauty

1. Scope of application

Beauty adhesives are used for hair, body hair, eyelashes,

For the use of Table 1 to attach nail/toenail substitutes or to make double eyelids

refers to the chemicals used. However, products that fall under each of the following items

etc. are not included.

1) Products in the form of tapes or stickers among products that can be viewed as cosmetic adhesives

2) If there are individual safety standards in accordance with Article 25 (2) of the ÿSpecial Act on the Safety of Children's Productsÿ

Among children's products subject to supplier conformity verification, in Annex 11 (Children's accessories)

Adhesives for applicable products

<Table 1> Uses of cosmetic adhesives

For wigs, for body hair, for accelerated eyebrows, for double eyelids, for nails and toenails

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit

The material presented is unintentionally contained in the product and is technically impossible to completely remove.

It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product.

should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

serial number	substance name	application formulation	Detection tolerance
1	Benzene 2	Before Formulation	5 or less
	Trichloroethylene 3	Before Formulation	5 or less
	Tetrachloroethylene 4 Vinyl chloride	Before Formulation	5 or less
	5 Triphenyl tin compound (TPT) 6	Before Formulation	5 or less
	Tributyl tin compound (TBT) 7 Tributyl tin oxide	Before Formulation	- (1)
	8 Organic mercury compound 9 Toluene-2,4-	Before Formulation	- (1)
	diisocyanate 10 Acrylonitrile	Before Formulation	- (1)
		Before Formulation	- (1)
		Before Formulation	- (1)
		Before Formulation Before Formulation (Excluding cyanoacrylate series) - (1)	
	11 Dichloromethane 12 2-	All Formulations - (1)	
	butoxyethanol (butyl cellosolve) 13 Naphthalene 14	All Formulations	- (1)
	Lead 15 Arsenic 16 Antimony trioxide 17 Chloroform	All Formulations - (1)	
	18 Dimethylformamide 19 Methyl methacrylate Note	Before Formulations 1 or less	
	(1) ÿTest and inspection of household chemical	All formulations 5 or less	
	products subject to safety assurance, etc.	pre-formulation (with antimony)	2 or less
	Regulations on Standards and Methods" (National	All Formulations	- (1)
	Institute of Environmental Sciences)	Pre-formulation - (1)	
		Pre-formulation - (1)	

Below the quantitative limit for each substance presented in the notice)

3. Substances with restricted content

1) The substances in Table 3 below, even if they are not used as raw materials in the product, are

It should conform to the suggested content standards.

<Table 3> Content standards of substances in products

(Unit: mg/kg)

No.	Substance name 1 Formaldehyde	pre-form
		20 or less (2)

Form before serial number	substance name	
2	Toluene 1,000 or less	
3	Xylene (o-, m-, p-total) 500 or less	
4	Acrylonitrile (3) 200 or less	
5	Hydroquinone (3) 1,000 or less	

Note (2) Apply 1% or less to cosmetic adhesives containing cyanoacrylate-based substances as main components
(3) Applied only to cosmetic adhesives containing cyanoacrylate-based substances as main components

2) Substances in Table 4 below are used before product manufacturing including the manufacturing process of product raw materials.

When used in a process, the substance used is

It should meet the content standards.

<Table 4> Standards for the content of substances used in products

(Unit: %(w/w))

serial number		pre-form
Substance name 1	2,6-di-tert-butyl-p-cresol 2	50 or less
2-octyl-3(2H)-isothiazolone 3	dibutylphthalate	7 or less
		0.1 or less

4. Substances for preservation that can be used in the product

For storage or preservation of products to ensure the shelf life of products

If you want to use a biocidal substance, the substances listed in Table 4 (when using

content standards) can be used.

Chapter 2 Tattoo inks

1. Scope of application

Tattoo dye is a dye that is applied to the body part (skin) for the purpose of Table 1.

It is a chemical product with semi-permanent and permanent functions by penetrating to the inside.

However, dye products for human use pursuant to Article 2, Item 1 of the following ÿCosmetics Actÿ are included.

don't

<Table 1> Uses of tattoo dyes

For eyebrows and eyeliner, for lips, for whole body, for hairline

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 and Table 3 . However, detection is allowed

Substances for which limits are given are technically complete because they are unintentionally contained in the product.

It is accepted only when it is impossible to remove, and the acceptable level of the substance in the product

should not be detected in excess of

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

serial number	substance name	Acceptable limit of detection of applied formulation	
1	2-amino-6-ethosylnaphthaline	Before Formulation	▬
2	4-amino-3-fluorophenol	Before Formulation	▬
3	4-aminoazobenzene	Before Formulation	▬
4	o-aminoazotoluene	Before Formulation	▬
5	benzidine	Before Formulation	▬
6	biphenyl-4-ylamine	Before Formulation	▬
7	p-chloroaniline	Before Formulation	▬
8	4- Chloro-o-toluidine	Before Formulation	▬
		Before Formulation Before Formulation	

serial number	substance name	Acceptable limit of detection of applied formulation	
9	3,3'-dichlorobenzidine 10	All Forms -	
	3,3'-dimethoxybenzidine 11	All Forms -	
	3,3'-dimethylbenzidine	All Forms -	
	12 P-cresidine	All Forms -	
	13 2,4-diaminoanisole	All Forms -	
	14 4,4'-methylenebis[2-chloroaniline]	All Forms -	
	15 4,4'-methylenedianiline 16 4,4'-	All Forms -	
	methylenebis(2-methyl aniline) 17	All Forms -	
	toluene-2,4-diamine 18 2-	All Forms -	
	naphthylamine 19 5-nitro-o-toluidine	All Forms -	
	20 1,2-benzphenanthrene 21 di(2-	All Forms -	
	ethylhexyl)phthalate 22 beryllium 23	All Forms -	
	chloroform 24 dibutyl Phthalate 25	All Forms -	
	anthracene 26 o-anisidine 27 nickel	All Forms -	
	28 arsenic 29 cadmium 30 mercury	All Forms -	
	31 lead 32 hexavalent chromium 33	All Forms -	
	vinyl chloride 34 1,2-benzanthracene	All Forms -	
	35 naphthalene 36 trichlorethylene	All Forms -	
	37 tetrachloroethylene	All Forms -	
		All formulations 5 or less	
		All formulations 1 or less	
		All formulations 1 or less	
		All formulations 1 or less	
		All Forms -	
		All Forms -	
		All Forms -	
		All Forms -	
		All formulations 5 or less	
		All formulations 5 or less	

(Unit: mg/kg)

<Table 3> Color names prohibited from being contained in the product

serial number	color name (Color Index)	color number (CI Number)	Acceptable limit of detection of applied formulation
1	Acid Green 16	44025	Pre-formulation
2	Acid Red 26	16150	Pre-formulation
3	Acid Violet 17	42650	Pre-formulation
4	Acid Violet 49	42640	Pre-formulation
5	Acid Yellow 36	13065	Pre-formulation
6	Basic Blue 7	42595	Pre-formulation
7	Basic Green 1	42040	Pre-formulation
8	Basic Red 1	45160	Pre-formulation
9	Basic Red 9	42500	Pre-formulation
10	Basic Violet 1	42535	Pre-formulation
11	Basic Violet 10	45170	Pre-formulation
12	Basic Violet 3	42555	Pre-formulation
13	Disperse Blue 1	64500	Pre-formulation
14	Disperse Blue 106	-	All Formulation -
15	Disperse Blue 124	61505	Formulation 61505
16	Disperse Blue 3		formulation - All
17	Disperse Blue 35	11005	Formulation 11005
18	Disperse Orange 3		Preformulation -
19	Disperse Orange 37	11110	Preformulation 11110
20	Disperse Red 1	11210	Preformulation 11210
21	Disperse Red 17	11855	Preformulation 11855
22	Disperse Yellow 3	10375	Preformulation 10375
23	Disperse Yellow 9	12075	Preformulation 12075
24	Pigment Orange 5	15585	Preformulation 15585
25	Pigment Red 53	42535:2	Preformulation 42535:2
26	Pigment Violet 3	42555:2	Preformulation 42555:2
27	Pigment Violet 39	61554	Preformulation 61554
28	Solvent Blue 35	12140	Preformulation 12140
29	Solvent Orange 7	26105	Preformulation 26105
30	Solvent Red 24	45170:1	Preformulation 45170:1
31	Solvent Red 49	42555 :	Preformulation 42555 :
32	Solvent Violet 9	1	preform 11000
33	Solvent Yellow 1		preform 11020 preform
34	Solvent Yellow 2	11160	preform
35	Solvent Yellow 3		

3. Substances with restricted content

The substances in Table 4 below, even if they are not used as raw materials in products, are

It should conform to the suggested content standards.

<Table 4> Standards for content of substances in products

(Unit: mg/kg)

	substance name	pre-form
Number 1		50 or less
Barium 2 Cobalt		25 or less
3 Copper 4		25 or less
Selenium 5		2 or less
Antimony 6 Tin		2 or less
7 Zinc 8		50 or less
Parabens 9		50 or less
Formaldehyde		Substances 4,000 or less, mixtures 8,000 or less
		20 or less
10 Polycyclic aromatic hydrocarbons (PAHs)		0.5 or less in total (However, the content of benzo-a-pyrene is 0.005 or less)

4. The contents of the tattoo dye must be sterile. Sterility test method in Korea

Follow the sterility test of the Pharmacopoeia General Test Method.

(Management product group for Leisure goods)

Chapter 1 Cleaners/Brightener for Sporting goods

1. Scope of application

Sporting goods cleaning polish means exercise at home, office, vehicle, multi-use facility, etc.

To clean/remove dirt or foreign substances on the product or to give a glossy effect

Refers to the chemical products used for the purposes in Table 1. However, products used for clothing

does not include

<Table 1> Uses of sport cleaning polishes

Golf equipment, bowling equipment, table tennis equipment

2. Substances with restricted content

1) The substances in Table 2 below, even if they are not used as raw materials in the product, are

It should conform to the suggested content standards.

<Table 2> Content standards of substances in products

(Unit: mg/kg) Golf

No.	Substance name	equipment	Bowling equipment	Table tennis equipment			
		or less 130	or less 100	or less 120	or less 10	or less	
1	benzene						

2) Substances in Table 3 below are used before product manufacturing including the manufacturing process of product raw materials.

When used in a process, the substance used is

It should meet the content standards.

<Table 3> Standards for the content of substances used in products

(Unit: %(w/w))

serial number	substance name	spray type	non-eject type
1	Titanium dioxide 2 3-iodine-2-propynyl butyl Carbamic acid (IPBC) 3	2 or less	0.3 or less
		5 or less	3 or less
	Dipropylene glycol methyl ether 4 Citric acid 5 2-propanol	- (1) -	below 10
		(1) - (1)	20 or less
			55 or less

Note (1) No restriction on content

3. Substances for preservation that can be used in the product

For storage or preservation of products to ensure the shelf life of products

If you want to use biocidal substances, use each of the following substances

can do.

1) Substances shown in Table 3 (compliance with content standards when used)

2) Glycerol, Ethanol

Part 11 Disinfection products group

Chapter 1 Disinfectants

1. Scope of application

Disinfectant means sterilization, antibacterial, disinfection in homes, offices, vehicles, and multi-use facilities.

Refers to chemical products used for the purposes in Table 1 for the purpose of However, each

Products that fall under the category are not included.

1) Sanitary products (wet towels, wet tissues, etc.) according to Article 2, No. 1 of the ÿSanitation Products Control Actÿ

2) It is used to sterilize and sterilize food utensils, containers, and packaging to indirectly

Disinfecting and antibacterial products that can be transferred to food

3) Biocidal treatment products such as filter-type preservation treatment products

4) Products that are directly used or applied to the human body or animal

5) Used in connection with medical practices in hospitals, not in everyday living spaces.

Disinfectant (medical device sterilizer, etc.)

<Table 1> Uses of disinfectants

general use	For general objects (1), for drain pipe, for filter (2), for mold removal, for closed space (3) for children's products (4),
for special purpose	for toothbrush and tongue cleaner
For electrolysis type sterilizer (5) For general object (6), For wet mop cleaner, For toilet tank	

Note (1) Limited to products used for general objects except for masks and human body
(2) Limited to products used for air purifiers and air purifying filters installed in air conditioners (3) Restricted to spaces that cannot be entered by people, such as refrigerators and shoe cabinets Disinfectants used in children 's products Limited to products for decomposition type sterilizers

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit The material presented is unintentionally contained in the product and is technically impossible to completely remove. It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product. should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

No. Applied product and dosage form	Standard for detection tolerance	
1 All benzene products (all formulations)	5 or less	
2 All vinyl chloride products (all formulations)	5 or less	
3 All products of diethylene glycol monobutyl ether (all formulations)	4 All mercury products (all	- (7)
formulations)	1 or less	
5 All ethylene oxide products (all formulations)	- (7)	- (7)
6 All acrylic acid products (all formulations)	For special purposes (all formulations)	As effective
7 hypochlorous acid system	10 or less	chlorine
8 Boric acid	10 or less	For children's products (all formulations) as boron (B)
9 For lead toothbrush and tongue cleaner (all formulations)	1 or less	
10 For cadmium toothbrushes and tongue cleaners (all formulations)	1 or less	
11 For arsenic toothbrush and tongue cleaner (all formulations)	1 or less	

Note (7) ÿRegulations on standards and methods for testing and inspection of household chemical products subject to safety verificationÿ (National Institute of Environmental Sciences) Below the quantitative limit for each substance presented in the notice)

3. Substances with restricted content

The substances in Table 3 below are not used as raw materials in the product, but It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

No. Substance name 1	Injection	non-eject type
Formaldehyde 2 Acetaldehyde	type 40 or	100 or less
	less 100 or less	200 or less

No. Substance name Injection type Non-jet type		
3 Chloroform 30 or less 30 or less		
4 1,2-dichloropropane 50 or less 200 or less		
5 Cerium oxide 1,000 or less as cerium 1,500 or less as cerium		
6 1-methoxy-2-propanol 8,000 or less 10,000 or less		
7 Sodium nitrite (8) 80 or less as nitrite ion 80 or less as nitrite ion		
8 Persulfate compound (9) 800 or less as persulfate 800 or less as persulfate		

Note (8) Limited to children's products

(9) Limited to toothbrushes and tongue cleaners

4. Available active ingredients

The main ingredients that can be used in disinfectants are as follows. However, from 2)

7) Substances falling under the above are used in disinfectants announced in accordance with Article 18 (3) of the Act

As an existing biocidal substance that can be used, the grace period for approval is

It can only be used if it has not passed.

1) As a biocidal substance that can be used in disinfectants according to the main sentence of Article 12 (1) of the Act

approved substances

2) Substances shown in Table 4 (Compliance with content standards when used)

3) O-benzyl-p-chlorophenol, sodium carbonate, chloroxylenol; 4-Chloro-3,5-di

Methylphenol, 2-phenoxyethanol, potassium carbonate, zinc sulfate, tetraacetylethylene

Diamine, glycerol, propylene glycol, salicylic acid, propyl alcohol, 2-

Phenylphenol, benzyl alcohol, calcium oxide, triclosan, boric acid, propiconazole,

simclocen; Trichloroisocyanuric acid, 4-chloro-m-cresol, gu

Acidic acid, hexadecyltrimethylammonium chloride, titanium dioxide, ethanol, hydroxy

Acetic acid, calcium oxide, ethoxylated alcohol (C=12-14) (for general use only)

4) Zeolite, sodium triclocene, sodium dichloride isocyanurate dihydrate

(NaDCC), alkyldimethylbenzylammonium chloride, benzyl (C12-C14) alkyl

dimethylammonium chloride, alkyl chloride (C12-C14)[(ethylphenyl)methyl]dimethylammonium;

benzylalkyl (C12-C16)dimethylammonium, (C12-C18)alkylbenzyldimethylammonium chloride;

Alkyl chloride (C12-C18)dimethylethylbenzylammonium, potassium peroxide monosulfate sulfuric acid

(Limited to non-jet type for general use)

5) Ethanol, glycerol (limited to children's products)

6) Ethanol, sodium bicarbonate, glycerol (limited to toothbrushes and tongue cleaners)

7) Substances that do not fall under 2) to 6), which are hazardous according to Article 8 of the Act

Substances below a level that are not recognized as hazardous to humans as a result of evaluation

<Table 4> Standards for content of active ingredients that can be used in disinfectants

(Unit: %(w/w))

go. general use		
Continuous injection type Non-jet type substance name		
1 Hydrochloric acid <0.07 as HCl <0.1 as HCl		
2 copper 5 or less - (10)		—
3 Copper(II) Sulfate 5 or less as copper - (10)		- (10)
4 Copper(II) sulfate, copper pentahydrate 5 or less 5 Ethylenediaminetetraacetic acid,		—
tetrasodium salt 20 or less - (10)		—
6 Potassium hydroxide or sodium hydroxide Less than 5 as NaOH Less than 5 as NaOH		
7 isopropyl alcohol; 2-propanol 50 or less 50 or less		
8 Hydrogen peroxide (11) 0.5 or less 0.5 or less		
9 Hypochlorous acid effective chlorine 5 or less effective chlorine 5 or less		
10 Calcium hypochlorite 5 or less as effective chlorine 5 or less as effective chlorine		
11 Sodium hypochlorite 5 or less as effective chlorine 5 or less as effective chlorine		
12 Chlorine dioxide (12) 10 or less 10 or less		
13 Monoethanolamine 0.3 or less 0.3 or less		

go. general use

serial number	substance name	spray type	non-eject type
14	Formic acid 1.5 or less 15 Benzoic acid (13) 15 or less 16 Zinc oxide 10 or less 17 1,2-		1.5 or less
	benzisothiazol-3(2H)-one (BIT) 30 or less 18 Sodium pyrithione 3.0 or less 19 Silver zinc zeolite 20		- (10)
	4 or less 21 2-octyl-3(2H)-isothiazolone (OIT) 8 or less 22 3-iodo-2-propynyl butyl carbamate (IPBC) 3 or		- (10)
	less 23 didecyldimethylammonium chloride 24 dioctyldichloride Methylammonium 25		35 or less
	Octyldecyldimethylammonium chloride 26 Glycerol (14)		- (10)
			- (10)
			- (10)
			15 or less
			- (10)
		0.2 or less	50 or less
		0.2 or less	20 or less
		0.2 or less 30	50 or less
		or less	30 or less

me. For children's products among special purposes

serial number	Substance	Jet type 2	non-eject type
name 1	2-phenoxyethanol 2 citric acid	or less 3	1.3 and below
		or less	2 or less

All. For electrolysis type sterilizer

serial number	substance name	For general objects	Wet mop	For toilet cleaner Water tank
1	hypochlorous acid	as effective chlorine 0.019 or less	as effective chlorine 0.008 or less	as effective chlorine 0.0025 or less
	Sodium hypochlorite	as effective chlorine 0.019 or less	as effective chlorine 0.008 or less	as effective chlorine 0.0025 or less

Note (10) No limit on content

(11) For filters, it is limited to the spray type, and the spray type content standard is 0.3% or less

(12) Limited to liquid products, the unit is mg/L

(13) Filter use is limited to the spray type, and the spray type content standard is 1.5% or less

(14) For filters only

5. Limit of microorganisms in product

Products used for special purposes (for children's products, toothbrushes and tongue cleaners) are

The number of aerobic viable cells is 500 pieces/g (mL) or less, E. coli (Escherichia Coli), Pseudomonas aeruginosa

(Pseudomonas aeruginosa), Staphylococcus aureus (Staphylococcus aureus) under

It should not be detected, and this is the “Korean Pharmacopoeia” General Test Method Microbial Limit

Follow the test method.

Chapter 2 Algicide

1. Scope of application

Algae means indoor/outdoor water play facilities such as general homes, offices, and multi-use facilities and to suppress the growth of algae existing in water such as fish tanks and kill them.

Refers to the chemical products used for the purposes in Table 1.

<Table 1> Uses of algicide

For fish tank, fountain, pond, swimming pool

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

substance name	All applied products and	Detection tolerance
Mercury	formulations (all formulations)	1 or less

3. Substances with restricted content

The substances in Table 3 below are not used as raw materials in the product, but

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

No. Substance name 1 Methyl ethyl	Injection	non-eject type
ketone peroxide 2 Chloroform 3 Peracetic	type 600 or	600 or less
acid Note (1) No restriction on content	less 100 or	300 or less
	less 1,400 or less	- (1)

4. Available active ingredients

The main ingredients that can be used in algicide are as follows. However, from 2)

5) Substances up to and used in algalicides announced pursuant to Article 18 (3) of the Act

Approval delay period according to Article 3 of the Addendum of the Act as an existing biocidal substance that can be used

It can be used only when the liver has not passed.

1) In accordance with the main sentence of Article 12 (1) of the Act , it is a biocidal substance that can be used for algicide.

approved substances

2) Substances shown in Table 4 (Compliance with content standards when used)

3) Simclocen, Triclocene Sodium

4) Zeolite (only for non-jet type)

5) Substances that do not fall under 2) to 4), which are dangerous according to Article 8 of the Act

Substances below a level that are not recognized as hazardous to humans as a result of evaluation

<Table 4> Algicidal usable main ingredient content standards

(Unit: %(w/w))

No. Material name 1 Calcium	Jet type Non-jet type
hypochlorite 2 Sodium hypochlorite	Less than 10 as effective chlorine 5 or less as effective chlorine
3 Chlorine dioxide (2) 4 Copper (II)	0.3 or less as effective chlorine 1 or less as effective chlorine
sulfate, pentahydrate 5 Hydrogen	20 or less 10 or less
peroxide Note (2) Limited to liquid	Copper 3 or less Copper 15 or less
products, unit is mg/L	0.3 or less 0.3 or less

Part 12 Insecticides and repellents

Chapter 1 Insect repellents

1. Scope of application

Repellent is used in everyday living spaces such as homes, offices, and multi-use facilities.

In order to prevent the access of rice bugs, etc., which is not for the purpose of sterilization and insecticide,

Chemicals used for a purpose. However, it is used for flies, mosquitoes, etc.

It does not include repelling products for health use and repelling products directly applied to the human body.

<Table 1> Uses of repellents

For rice beetles, for silverfish, for flyworms (1)

Note (1) For midges, for mayfly, etc., the use of specific flying insects can be described in detail

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit

The material presented is unintentionally contained in the product and is technically impossible to completely remove.

It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product.

should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg) Acceptable

serial number	substance name	limit of detection of applied products and formulations	
1 All tetrachlorethylene products (all formulations) 5 or less 2 All trichlorethylene products (all formulations) 5 or less 3			
All vinyl chloride products (all formulations) 5 or less Products for flies (all formulations) - (2) 5 All products of 1,4-			
dichlorobenzene (all formulations) - (2) 6 Ingredients registered in the Agricultural Chemicals Control Act 7 All products with			
		(all formulations) (3) - (2)	

No. 8	substance name	Acceptable limits for detection of applied products and formulations
All products with active ingredients registered as pesticides for the prevention of infectious diseases (all formulations) - (2)		
9 All mercury products (all formulations) 1 or less		

Note (2) ÿRegulations on standards and methods for testing and inspection of household chemical products subject to safety verificationÿ (National Institute of Environmental Sciences)

Below the quantitative limit for each substance presented in the notice)

(3) Except for silverfish

3. Substances with restricted content

The substances in Table 3 below are not used as raw materials in the product, but

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

serial number	substance name	All formulations for rice	for worms
		beetles and silverfish	pre-form
1 Formaldehyde 2 Acetaldehyde		5 or less 40 or less	5 or less
3 Dimethylformamide Note (4) No		- (4)	- (4)
restriction on content			300 or less

4. Available active ingredients

The main ingredients that can be used in repellents are as follows. However, from 2)

7) Substances falling under the above can be used in repellents announced pursuant to Article 18 (3) of the Act.

Approval delay period according to Article 3 of the Addendum of the Act as an existing biocidal substance that can be used

It can be used only when the liver has not passed.

1) In accordance with the main sentence of Article 12 (1) of the Act , it is a biocidal substance that can be used as a repellent.

approved substances

2) Substances shown in Table 4 (Compliance with content standards when used)

3) Diethyl-meta-toluamide, mustard seed oil, dipropylene glycol methyl

Ter (limited to rice worms)

4) Citronella Oil, Diethyl-Meta-Toluamide, Mustard Seed Oil, Dipro

Phylene glycol methyl ether (limited to silverfish)

5) Camphor (limited to non-jet type for silverfish)

6) Citronella oil, cedarwood oil, orange peel oil, die

Tiltoluamide (limited to the spray type for flying insects)

7) Substances that do not fall under 2) to 6), which are hazardous according to Article 8 of the Act

Substances below a level that are not recognized as hazardous to humans as a result of evaluation

<Table 4> Repellent usable main ingredient content standards

(Unit: %(w/w))

go. For rice bugs and silverfish			
No. Substance name 1 Transfluthrin (5) 2		Injection	non-eject type
Ethanol 3 Methyl salicylate 4 Pyrethrum		type 30 or	- (6)
(5) 5 Chlorine dioxide (7) 6 3-methoxy-3-		less - (6)	30 or less
methyl-1-butanol B. for worms		45 or less	- (6)
		2.5 or less	- (6)
		100 or less	500 or less
		6.5 or less	- (6)
Serial	substance name	Jet Type -	non-eject type
number 1 Ethanol		(6)	25 or less

Note (5) Limited to silverfish

(6) No restriction on content

(7) Limited to liquid products, the unit is mg/L

(Preservative products, Preservative-treated products)

Chapter 1 Wood Preservatives

1. Scope of application

Wood preservatives are used in everyday life such as homes, offices, and multi-use facilities. For the purpose of Table 1 to prevent wood from decaying and deteriorating in the space refers to the chemicals used. However, for paints in accordance with the ÿAtmospheric Environment Conservation Actÿ Applicable products, etc. are not included.

<Table 1> Uses of preservatives

for wood

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit The material presented is unintentionally contained in the product and is technically impossible to completely remove. It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product. should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

Number	substance name	Acceptable limit of detection of applied formulation
1 Benzene 2		All formulations 5 or less
Trichloroethylene 3 Vinyl chloride 4		All formulations 5 or less
Chromic anhydride 5 Sodium dichromate		All formulations 5 or less
6 Sodium pentachlorophenate		All Formulations - (1)
		All Formulations - (1)
		pre-form - (1)

No. Substance name 7 Tributyltin oxide 8	Acceptable limit of detection of applied formulation	
Mercury	Before	- (1)
	Formulation Before Formulation 1 or less	

Note (1) ÿRegulations on Standards and Methods for Testing and Inspection of Household Chemicals Subject to Safety Confirmationÿ (National Institute of Environmental Sciences)
Below the quantitative limit for each substance presented in the notice)

3. Substances with restricted content

The substances in Table 3 below are not used as raw materials in the product, but

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

No. 1	substance name	pre-form
Ethylbenzene 2 (1-		700 or less
methylethyl)benzene 3 Xylene		700 or less
(o-, m-, p-total) 4 Toluene		60 or less
		70 or less

4. Available active ingredients

The main ingredients that can be used in wood preservatives are as follows. but

Substances 2) through 5) are for wood use announced in accordance with Article 18 (3) of the Act.

Existing biocidal substances that can be used in preservatives according to Article 3 of the Addendum of the Act

It can be used only when the grace period for approval has not passed.

1) Biocidal that can be used in wood preservatives in accordance with the main sentence of Article 12 (1) of the Act

Substances approved as water substances

2) Substances shown in Table 4 (Compliance with content standards when used)

3) Boric acid, propiconazole, ethanol, borax (borax)

4) Cupric oxide, zeta cypermethrin (non-jet type only)

5) As a substance that does not fall under 2) and 4), the result of risk assessment according to Article 8 of the Act

Substances below the level that are not recognized as hazardous to the human body

<Table 4> Preservatives for wood can be used based on the content of main ingredients

(Unit: %(w/w))

No. Injection type 1 3-iodo-2-propynyl butyl carbamic acid (IPBC) 10 or less			non-eject type
2 1,2-benzisothiazol-3(2H)-one (BIT) 40 or less			- (2)
3 Didecyldimethylammonium chloride 0.3 or less			- (2)
4 2 -Octyl-3(2H)-isothiazolone (OIT) 0.6 or less			60 or less
			- (2)

Note (2) No restriction on content

Chapter 2 Preservative-treated filter products

1. Scope of application

A filter-type preservation treatment product refers to a product that is used indoors, such as in homes and automobiles, according to Table 1.

The antibacterial , sterilizing ,

Use of biocidal substances on the surface or inside of the filter for sterilization and preservation say product. However, filters for air conditioning in buildings and filters for water purification are included. don't

<Table 1> Uses and formulations of filter-type preservation treatment products

For	formulation
air purifier, air conditioner	filter type

2. Emission-restricted substances

The substances in Table 2 below are used for antibacterial treatment in filter-type preservation products. In case of use, the material used must comply with the suggested emission standards. do.

<Table 2> Based on the amount of chemical substances released in products (1)

(Unit: mg)

	substance name	filter type
Number 1	Titanium dioxide	1,000 or less
2	Silicon dioxide 3 Copper	40 or less
	and its compounds 4 Zinc oxide	70 or less as copper
5	Silver nitrate 6 Zinc pyrithione	50 or less
	octadecyldimethyl(3-	15 or less
	trihydroxysilylpropyl)ammonium	70 or less
7	chloride (Octadecyldimethyl(3-trihydroxysilyl propyl)ammonium chloride, OTPA) Note	2 or less

(1) Amount of the substance removed from the filter due to the use of air purifiers and air conditioners

3. Substances for preservation that can be used in the product

For storage or preservation of products to ensure the shelf life of products

If you want to use biocidal substances, use only the substances in each of the following items

can do. However, if the product is manufactured using the substances in 2) and 3) that do not fall under Table 2,

A person who wants to manufacture or import a filter-type preservation treatment in Attachment No. 9

Hazard data and release by substance along with application for use of preservation substances in products

Data that can prove safety, such as risk assessment data according to dose, are available in Korea.

It must be submitted to the Director of the Environmental Industry and Technology Institute for risk assessment in accordance with Article 8 of the Act.

do.

1) Substances shown in Table 2. However, it must meet the emission standards for each substance.

2) According to the main sentence of Article 12 (1) of the Act ,

Substances approved as biocidal substances. However, as a result of the risk assessment, there is no risk to the human body.

It can be used only when the emission level is below the level that is not recognized as being present.

3) Can be used in preservatives for textiles and leathers announced in accordance with Article 18 (3) of the Act

Existing biocidal substances. However, as a result of the risk assessment, it is recognized that there is a risk to the human body.

Approval for each substance is deferred only if it is below the emission level that does not occur.

Available within the period

Part 14 Other product group

Chapter 1 Candle

1. Scope of application

Cotton yarn or cotton yarn in everyday living spaces such as homes, offices, and multi-use facilities.

Blended yarn of cotton and chemical fiber, wood, etc. as the core, paraffin, soy wax,

A small amount of fatty acids or other substances such as palm wax, beeswax (beeswax), etc. or paraffin

It refers to a chemical product used for the purpose of Table 1 by mixing a curing agent.

<Table 1> Uses of candles

For luminescence, for direction

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit

The material presented is unintentionally contained in the product and is technically impossible to completely remove.

It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product.

should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

serial number	substance name	Applicable product detection tolerance	
1	For benzene fragrance 2 For vinyl chloride fragrance 3 For trichlorethylene fragrance 4 For		5 or less
tetrasodium borate salt fragrance 5 For 1,4-dichlorobenzene fragrance Note (1) ÿStandard test for			5 or less
and inspection of household chemical products subject to safety verification Regulations on methods,			5 or less
etc.” (National Institute of Environmental Sciences)			- (1)
			- (1)

Below the quantitative limit for each substance presented in the notice)

3. Substances with restricted content

The substances in Table 3 below are not used as raw materials in the product, but

It should conform to the suggested content standards.

<Table 3> Chemical content standards

(Unit: mg/kg)

Number	substance name	600 or less	for direction
1	Lead (2)	2 for light	600 or less
Formaldehyde	3 Glyoxal	4 emission	12 or less
Methanol	(3) Note (2) Refers to	- (4) - (4)	30 or less
the total content of the core		- (4)	2,000 or less

and body

(3) Limited to liquid products

(4) No restriction on content

Chapter 2 Dehumidifying agent

1. Scope of application

Dehumidifiers are closets of everyday living spaces such as homes, offices, and multi-use facilities.

Used for the purpose of Table 1 for the purpose of dehumidifying in a relatively narrow space such as a closet.

refers to chemicals. However, for product packaging and for food or human body use

It does not include doing

<Table 1> Uses of dehumidifiers

For indoor space (1), for furniture, for storage space, for shoes and textiles

Note (1) Included for automobile (indoor use)

2. Substances with restricted content

The substances in Table 3 below are not used as raw materials in the product, but

It should conform to the suggested content standards.

<Table 2> Standards for content of substances in products

(Unit: mg/L)

	substance name	pre-form
Number 1		3.0 or less
Lead 2 Cadmium		0.3 or less
3 Arsenic 4		1.5 or less
Mercury 5		0.005 or less
Hexavalent		1.5 or less
Chromium 6 Dimethyl Fumarate (2)		0.1 mg/kg or less

Note (2) Limited to products using silica gel as the main raw material

Chapter 3 Artificial snow spray

1. Scope of application

Artificial snow sprays are used in everyday life such as homes, offices, and public facilities.

According to Table 1 in the living space, artificial snow shapes are used for birthdays and weddings.

It refers to chemical products that are produced and sprayed.

<Table 1> Uses and formulations of artificial eye sprays

Use	formulation
For Occasion	Spray type (spray type)

(1) Note (1) Specific use may be detailed

2. Prohibited Substances

Substances that cannot be contained in the product are shown in Table 2 below. However, the detection allowable limit

The material presented is unintentionally contained in the product and is technically impossible to completely remove.

It is accepted only in cases where it is impossible and exceeds the allowable limit of the substance in the product.

should not be detected.

<Table 2> Prohibited Substances in Products

(Unit: mg/kg)

	substance name	Acceptable limit of detection of applied formulation	
Number 1	Vinyl Chloride	spraying	5 or less
2 Trichlorethylene 3		spraying	5 or less
Tetrachlorethylene		spraying	5 or less

3. Substances with restricted content

The substances in Table 3 below are not used as raw materials in the product, but

It should conform to the suggested content standards.

<Table 3> Standards for content of substances in products

(Unit: mg/kg)

Substance	spray type
Name Sodium Laureth Sulfate (Sodium Laureth Sulfate; SLES)	1,000 or less

Chapter 4 Fog fluid for performance

1. Scope of application

Fog liquid for performances is a smoke, fog and

As a product used to produce the same effect, it is used for the purpose of Table 1.

refers to chemicals that

<Table 1> Uses of fog liquid for performances

For performances (stage directing), for events

2. Substances with restricted content

Even if the substances in Table 2 are not used as raw materials in the product, they are

It should conform to the suggested content standards.

<Table 2> Standards for content of substances in products

(Unit: %(w/w))

Number	substance name	All
1 Ethylene Glycol 2 Diethylene		formulations
Glycol		10 or less 10 or less

[Asterisk 3]

Safety standards for containers, packaging, and weight

I. container and packaging

1. Safety standards

go. appearance

1) The exterior should be clean and there should be no dangerous parts such as sharp parts.

2) The structure should not be deformed or damaged, and the contents should not leak.

3) In the case of spray-type products using high-pressure gas, see “High-pressure gas safety

A suitable container in accordance with the “Management Act” must be used, and the flow after spraying

There should be no phenomena.

4) The container or packaging of the product is the same as the container, packaging, and appearance of the food.

Do not be mistaken for or confused with food by using

shouldn't

me. robbery and leaks

1) When carrying out the container strength test, there is no damage to the container such as the stopper or body.

There should be no leakage, and the contents of the product should not leak out.

2) When performing a leak test, the contents of the product should not leak out.

~~3) Water-soluble packaging materials used for packaging of capsule-type laundry products are as follows:~~

~~Criteria must be met.~~

A) The contents should be maintained in 20 ÿ water for more than 30 seconds.

B) Under standard test conditions [temperature (23 ± 2) ÿ, relative humidity (50 ± 5) %]

It must withstand a mechanical compressive strength of at least 300 N.

2. Scope of application of safety standards

go. Safety standards for appearance and strength are applied to all household chemical products subject to safety verification.

applies to items. In case of any of the following

excluding the safety standards of container strength .

1) Containers that have passed the inspection in accordance with the ÿHigh Pressure Gas Safety Control Actÿ

2) Including glass containers with decorative functions used for air fresheners, deodorants, etc.

breakable glass containers

3) When placed in a container of a different material, the product contents may react with the container or

Glass containers used for reasons of deterioration, etc.

4) Solid finished products that do not require a separate container such as candles

5) Electrical appliance safety check in accordance with ÿElectrical Appliances and Household Appliances Safety Management Actÿ

Products that have passed the test (KC) (limited to products for electrolysis type sterilizers among sterilizers)

me. Safety standards for leak testing are within the range of household chemical products subject to safety verification.

Applies to products in which the solvent is liquid. However, any of the following

Excluded in one case .

1) Disposable packaging or container that cannot be re-locked after opening

2) In order to use the contents of the product, there is a separate

Non-locking diffuser container among dedicated containers

3) Containers that have passed the inspection in accordance with the ÿHigh Pressure Gas Safety Control Actÿ

4) Paste products that do not run down by standing upside down for 5 minutes at room temperature, etc.

All. In the case of recycled inks and toners, raw materials supplied by raw material manufacturers and distributors

Container strength and leak tests for products are excluded.

II. weight or capacity

1. Safety standards

When a weight or capacity test is performed, the amount indicated on the product and the actual content

Permission under Article 41 of the ÿMeasurement Actÿ and Article 36 of the Enforcement Decree of the same Act

The error should not be exceeded.

2. Scope of application of safety standards

Safety standards for weight or capacity apply to all household chemical products subject to safety verification.

applies to However, if it falls under any of the following items,

Weight or dose tests are excluded.

1) In order to use the contents of the product, there is a separate

dedicated container

2) Products for electrolysis type sterilizer among sterilizers

ÿ. appearance of the product

The appearance of the product is the same or similar to the food container, packaging, appearance, etc.

It should not be mistaken for food or confused by using it.

[Asterisk 4]

Safety standards for child protective packaging

Among household chemical products subject to safety verification, children's protective packaging is subject to the following criteria:

Child protective packaging should be applied. However, it can be stored and used at home.

If it is not a product, it is not included in the child protective packaging.

I. Standards for child protective packaging applied items

The following items are the 'ÿ.Children's Protection Packaging Applicable Substance Standard' and 'ÿ.Children'

Regardless of the 'exclusion criteria for the application of protective packaging', the formulation of the product

In consideration of this, child protective packaging suitable for the container or packaging should be used.

1. Liquid washer fluid for automobiles

2. Liquid antifreeze for automobiles

3. Instant Adhesive (Including Instant Adhesive Beauty Adhesive)

4. Capsule type laundry products

II. Substance standards for child protective packaging

Consider the formulation of the product if the substances contained in the product fall under any of the following

Therefore, child protective packaging suitable for the container or packaging should be used.

1. If the product contains the substances in Table 1

<Table 1> Standards for substances contained in products

Child protective packaging application			child protective packaging
standard No.	Substance	Standard	Application exclusion criteria
1	Dichloromethane 2 Methanol 3 dichloroethane 5 Methyl salicylate 6 Sodium hydroxide or potassium hydroxide (1) 7 Methacrylic acid 8 Formic acid (formic acid) 9 Hypochlorite 10 Hydrogen peroxide 11 Ethyl bromoacetate 12 Morpholine 13 Acetonitrile (2)	10 % (w/w) or more	
2		3% (w/w) or more	
3		1% (w/w) or more	
4		10% (w/w) or more	
5		5% (w/w) or more	
6		As NaOH in the product, 2 % (w/w) or more	
7		5 % (w/w) or more in containers such as pen markers	When used as an absorbent
8		5% (w/w) or more	
9		2% (w/w) or more	
10		5% (w/w) or more	
11		all concentrations	
12		5% (w/w) or more	
13		>500 mg	

Note (1) Applies to products using sodium hydroxide or potassium hydroxide, and the standard is the base concentration of the product itself.
(2) Only when contained in adhesive remover

2. The total of the following substances contained in the product is 10% or more of the liquid product,

When the kinematic viscosity at 40 °C is 20.5 mm2/s or less

1) C3-C13 straight-chain primary alcohol composed of carbon and hydrogen (3)

Note (3) 1-propanol, 1-butanol, 1-pentanol, 1-hexanol, 1-heptanol, 1-octanol, 1-nonanol, 1-decanol, 1-undecanol, 1-dodecanol, 1-tridecanol

2) isobutyl alcohol

3) terpene alcohol

4) Ketones composed of C3-C13 carbons and hydrogens

5) Hydrocarbons composed of C3ÿC13 carbons

3. Liquid products whose final content in the product is below pH 2.0 or above pH 11.5

and when the kinematic viscosity at 40 ÿ is 20.5 mm2/s or less

ÿ. Criteria for exclusion from application of child protective packaging

If the product or formulation falls under any of the following items , 'ÿ. young

Child protective packaging is not applied in spite of the 'Substance Standard for Protective Packaging'

No.

1. Containers that must be opened using a separate tool

2. Unopenable spray-type container

3. Disposable container that consumes the entire amount at one time after opening

4. Containers where the contents are not directly exposed after opening (e.g. cartridge type, tissue type,

Bracelet type, patch type, stationary type, tank type products, etc.)

5. Products over 15 kg in actual weight

6. Products that are difficult to separate containers or packaging due to the nature of the product (e.g., impregnated gypsum)

air fresheners, candles, etc.)

IV. Child protective packaging own safety standards

Child protective packaging must be a suitable container* or packaging in accordance with the following criteria .

* If there is a separate container for using the contents of the product as a component,

including the courage

1. Safety standards for packaging that can be sewn

National Institute of Environmental Sciences Announcement ÿStandards for testing and inspection of household chemical products subject to safety verification

Regulations and Methods", Ministry of Trade, Industry and Energy Announced by the National Institute of Technology and Standards

ÿSafety standards for industrial products subject to child protection packagingÿ, KS T ISO 8317, 16 CF

R 1700, CSA-Z76 and equivalent standards.

2. Safety standards for packaging that cannot be sewn

National Institute of Environmental Sciences Announcement ÿStandards for testing and inspection of household chemical products subject to safety verification

and regulations", EN 862, 16 CFR 1700 and equivalent

follow the standards

[Asterisk 5]

Labeling of household chemical products subject to safety verification

I. Common indications

Manufactures or imports household chemical products subject to safety verification and sells or distributes them in Korea

A person who intends to do so shall indicate the indications of each of the following items in accordance with the indication method in Attached Table 6.

It should be labeled with the name of the item (eg, item: cleaning agent).

1. Item

2. Product name

3. Use (in the case of bleach, indicate the series together)

4. Formulation

5. Year of manufacture

6. Expiration date (products that do not apply can be omitted)

Weight/Capacity/Number/Number/Size (1) 7.

8. Freezing point (limited to automotive washer fluid and antifreeze)

9. Liquid (limited to cleaning products and laundry products)

10. Standard usage (products that do not apply can be omitted)

11. Efficacy and efficacy (limited to products subject to approval)

12. Manufacturer, address, contact information (limited to domestically manufactured products)

Seller, address, contact information [Products subject to notification are ODM (2) 13.

Limited to products manufactured in Korea in this way]

14. Name of country of manufacture and manufacturer (limited to imported products)

15. Importer, address and contact information (limited to imported products)

(1) 16. Chemicals used in products subject to (1) 17. Signal words and pictograms (1) 18.

19. How to use (products that do not apply can be omitted)

20. Precautions for use

21. First Aid

22. Safety standard conformity confirmation mark (1)

report number or household chemical product approval number subject to safety confirmation (3) 23.

Note (1) In the case of the relevant labeling items, each name may not be indicated.

(2) ODM (Original Development Manufacturing) means self-manufacturing under subparagraph 5 (b) of Article 2

say how to

(3) Can be abbreviated to report number or approval number

II. Product-specific labeling

'I. In addition to 'common labeling matters', the labeling

As follows.

1. Precautions for use

go. Required indications

If the product falls under the classification in Table 1 below, please read the precautions for use.

should be indicated In addition, in the case of products subject to approval,

Instructions for use shall be indicated. However, due to the nature of the product,

Do not indicate if it proves that the caution statement does not apply to the product.

it can't be

<Table 1> Required precautions for use by product

division	Precautions for use statement ÿ
Cleaners, Disinfectants(1)	Do not mix with other products as it may cause fatal damage to the human body. ÿDo not use for purposes other than the product indicated on the label.
Detergent (When using in a confined space where hydrochloric acid or sulfuric acid is used, provide sufficient ventilation. For products only. However, wear appropriate protective equipment such as acidity gloves, mask, etc. Except when used as a concentrate)	
Adhesives, curing accelerators (limited to cases where any one of the following chemicals is used: toluene, ethyl acetate, methanol, direct inhalation, etc.)	

division	Precautions for use statement
Antifreeze for cars	ÿWhen storing, use an existing container or a separate container marked with antifreeze so that it can be recognized that it is antifreeze, and seal it. ÿDo not mix ethylene glycol type antifreeze and propylene glycol type antifreeze, as there is a risk of deterioration in quality such as freezing point.
car washer fluid	ÿBetting circulation mode to prevent alcohol smell from entering the room use it in ÿAfter using the washer fluid, lower the window for 1 to 2 minutes to ventilate. do it
Printing ink and toner	ÿBe careful about leakage of contents when replacing or removing the product. ÿBe careful of inhalation of dust, mist, vapor or skin contact when the contents are leaked. ÿDo not use a household vacuum cleaner to clean the toner, but wipe it off with a damp cloth. (2)
Candles	ÿUse a candle stand that does not burn. (Limited to products without a dedicated stand)
dehumidifier	ÿDo not tear or peel off the moisture-permeable membrane. (3) ÿDo not take out the desiccant as it is dangerous because it exothermic reaction when it comes into contact with water. If the desiccant or deliquescent solution leaks and comes into contact with it, it may adversely affect the growth of plants or the quality of metal. ÿDo not dry the desiccant over fire.
Do not use the product for	purposes other than automobiles. In case of bouyong
Disinfectant(1)	ÿDo not use (spray) directly on people or animals. ÿDo not spray on the indoor space, use it on the surface of the object. (4) ÿ Keep out of reach of children. ÿBe careful not to drink the contents or if the contents come into contact with the eyes or skin, as it may cause serious damage to the human body. ÿWhen using in an enclosed space, provide sufficient ventilation.

	Precautions for use
Category Purpose of product	
is toothbrush sterilization ÿBe sure to rinse the toothbrush after using the product. In case of Yongin ÿBe sure to follow the usage method and	
for an electrolysis type wet mop cleaner ÿBe careful not to come into direct contact with food or	standard usage of the product. Use the product for general objects, tableware. For sterilizer, toilet tank ÿLower the toilet lid and flush the water. If the
In case the product is in liquid form, do not spray with the contents of the product in a sprayer, etc. case	product is in capsule form, be careful not to swallow it by children.
Spray-type products that use combustible gas	ÿCheck if sparks are generated around it, and after spraying a certain amount, wait for the gas to disperse before using it again. ÿBe careful as it may explode when exposed to direct sunlight or heat. ÿKeep out of reach of children. ÿDo not forcefully remove the lid attached to the container.
Products subject to child protection packaging	
Under certain conditions (professional use , etc.) ÿ Keep out of reach of children who do not have child protection packaging applied to the product. Exception products (5) Allergy according to attached Table 6 ÿPersons with sensitive or damaged skin are excluded from the product strength test using substances that can react for a long period of time ÿDo not throw or drop the container. products using glass containers	Be careful not to get wet.
One-time consumption product ÿUse the contents immediately after opening.	
Fog liquid for performance use Note (1) Applicable to products for all uses (2) Limited to products whose formulation is powdery (3) Limited to products with a moisture-permeable membrane, and can be directly marked on the moisture-permeable membrane (4) Limited to products whose formulation is spray type product only	ÿWear protective gear when using it directly for performances.

me. Recommended indications

If the product falls under the classification in Table 2 below, please read the precautions for use.

You can select to display more.

<Table 2> Precautions for recommended use by product

division	Precautions for use ÿCheck the
general details	label before use. ÿUse in accordance with the indicated usage method, standard usage amount, expiration date, etc. do it ÿDo not
Human Exposure Matters	let the contents come into contact with your eyes. ÿDo not allow the contents to come into contact with eyes or skin. ÿDo not inhale or drink. ÿWhen using in an enclosed space, provide sufficient ventilation. ÿDoesn't cause harm when inhaled in large amounts. Do not spray. ÿWear appropriate protective equipment such as gloves and a mask. ÿDo not spray directly on people or inhale the sprayed contents. ÿBe careful as the spray liquid may get into your eyes if you use it in a place higher than the snow. ÿDo not leave any residue of the product where it is used. ÿDo not use for purposes other than the product indicated on the label. ÿDo not change the container arbitrarily. ÿIf
Usage notes	you are concerned about discoloration or discoloration, first select an inconspicuous area and test it with a small amount before use. ÿBe careful about discoloration of fibers and corrosion of metal surfaces. ÿKeep away from fire. ÿDo not expose to direct sunlight or heat. ÿBe careful as there is a possibility of fire.
Fire and Explosion Related Matters	
related to contents leakage ÿDo not	ÿDo not leave it unattended, as liquid may spill out if left over. don't Matters subject to impact such as dropping the container. ÿDo not use it while it has fallen down or is tilted.

division	Precautions for use
	ÿDo not forcefully separate the container of the product or subject it to strong impact. ÿAfter using the product, clean the area so that the contents do not remain. Wipe clean.
Storage/Storage related matters	ÿStore out of fire or heat. ÿStore the remaining amount in the original container as there is a risk of misuse after use. ÿStore in a cool place away from direct sunlight. ÿKeep container sealed at all times. ÿIf there is any residue in the container after use, seal it so that it does not leak or run out of disinfectant, repellent, algicide, or spillage, and put it in a volume-rate bag and dispose of it. • Do not allow residues of products such as wood preservatives to be discharged directly into the environment after use. Residue disposal: Do not reuse the container after use.

2. First Aid

go. Required indications

If the product falls under the categories in Table 3 below, the first aid phrase is mandatory.

should be indicated

<Table 3> Required first aid phrases by product

division	First-aid statements
packaging ÿIf medical measures are required, show the product container or label information.	ÿIf the contents are ingested or swallowed, take first aid measures and consult a doctor immediately. Products subject to child protective
Allergic spots according to Annex 6 If skin irritation reactions or red spots appear, take medical measures and receive products using possible substances.	

me. Recommended indications

If the product falls under the categories in Table 4 below, select the first aid phrase. can be further displayed.

<Table 4> Recommended first aid phrases by product

division	First-aid statements ÿIf
general details	medical attention is needed, show product container or label information. ÿIf you feel discomfort due to exposure to the product, seek help from a medical institution (doctor). • If directly exposed to the product, wash the exposed area or remove the exposed material.
Oral exposure	ÿIf the contents are eaten or swallowed, take first aid and consult a doctor immediately. ÿIf it gets on your skin, wash with plenty of water and soap. ÿIn case of contact with eyes, rinse
Percutaneous and ocular exposure	immediately. ÿIf it gets on your eyes or skin, wash with clean water and consult a doctor if there is any problem.
Inhalation exposure	ÿIf breathing becomes difficult due to inhalation, move to a place with fresh air and rest in a position comfortable for breathing.

[Asterisk 6]

How to label household chemical products subject to safety verification

I. Common display method

1. General matters of indication

go. In principle, the indication should be in Korean, but in order to help consumers understand

When displaying Chinese characters or a foreign language together, change the size of the Hangeul font to Chinese characters or

It should be displayed larger than the size of the foreign language typeface.

me. The mark is printed, engraved, or pressed with indelible ink.

etc. must be used, and when labeling is attached,

There should be no concern.

All. In order to be easily recognizable by consumers, the mark shall be in a color that is distinct from the background color.

shall. However, in order to prevent falsification of some labeling items such as date of manufacture, etc.

You can check the contents by engraving or pressing

This is not the case when it is marked as such.

la. The label conveys accurate and easy-to-understand product information to consumers.

The following indication method is recommended for this purpose.

1) Items, product names, and safety standards for the correct use of products by the visually impaired

Display items such as conformity confirmation report number, etc. in parallel in braille, etc.

2) In order to make the indications visible and easy to understand, the indications such as precautions

for use and first aid are marked with pictograms *

* In the case of pictograms, refer to Appendix 1 of this notice to indicate

3) If a separate attachment within the product is enclosed, “Check the enclosed attachment

Please cut it.” display of notices such as

4) To prevent swallowing and poisoning accidents in children, sterilization and disinfection products and relief

Refrain from displaying food-related designs and cartoon characters on products and*preserved products

mind. Instructions for use, first aid, etc. are shown in the figure according to Appendix 1

If it is indicated by a symbol, the text associated with the corresponding pictogram is displayed.

see it as However, if it is necessary to help consumers understand

Text related to the corresponding pictogram can be displayed together.

2. Mark position

go. How to display the product

1) The labeling matters according to attached Table 5 shall be indicated on the display surface of the product*.

* If there is a separate container for using the contents of the product as a component,

2) Despite the provisions of 1), the area of the display surface is small, so it is difficult to write

In difficult cases, the indications specified in Table 1 shall be indicated.

The remaining labeling should be indicated in the attached document. ■

<Table 1> Labeling items according to the area of the

area of display	display surface
manufactured products) 50 cm 2~100 cm 2	ÿItem ÿ Product name ÿManufacturer, contact information (limited to domestically products) ÿImporter, contact information (limited to imported products) ÿGraphics ÿMain substance

<Table 1> Labeling items according to the area of the display surface Labeling

area of display	items ÿIndication of products
	subject to/not subject to child protective packaging ÿSafety standard conformity confirmation report number/Household chemical product approval number subject to safety confirmation ÿSafety standard confirmation mark ÿItem ÿProduct name ÿSafety standard conformity confirmation report number / household
less than 50 cm 2	chemical product approval number subject to safety confirmation

me. How to display other than the outside of the product

1) If the markings on the outside of the product are not visible because the packaging*

The labeling matters according to Attached Table 5 shall be indicated on the labeling side of the product packaging.

However, the instructions for use, precautions for use, and emergency measures are not indicated.

can do.

* Packaging refers to protecting or enclosing the outer surface of a product and is used for transportation and storage.

sold or sold under normal conditions to consumers, not in packaging used for

Refers to the packaging shown during distribution.

2) Notwithstanding the provisions of 1) in the main text, the display area is narrow, so the labeling matters

If it is difficult to do so, the labeling items specified in Table 1 shall be indicated.

and the rest of the labeling should be indicated in the attached document. However, the same

If the product is packaged and sold in box units, only one attached document is

can provide

3) It is difficult to display on the outside of the product as shown below, or there is no real benefit to be displayed.

In the case of low-grade products, labeling according to Table 5 is applied to the labeling side of the product packaging.

Alternatively, it may be indicated in the attached document. However, if there is no packaging, indicate

Display surface using labels or tags

In addition, it may be marked or attached.

A) A product that exhibits its own function as the product is solid

B) If the surface or packaging of the product is damaged, it may affect the product

imported products

C) When using the product, there is a risk of fire due to the burning of the label attached to the surface of the product.

Hazardous products: products such as candles (including products with dedicated pedestals)

D) Used by installing in the invisible part of equipment such as copiers, air purifiers, etc.

Products manufactured to: Print inks and toners and filter-type preservation products

products such as

E) Products that do not have a label on the surface of the product according to subparagraph 8 of Article 2

3. Type Size

The size of the type is determined in Table 2 when displaying labeling items according to Attached Table 5.

It shall be indicated in the size of the display type according to the area of the display surface.

<Table 2> Size of display type according to the area of display surface

area of display	type size
200 cm 2 or more	8 points or more
less than 200 cm 2	6 points or more

II. Indication method by labeling item

1. Item

Items are marked with an underlined or bold type of product classified according to Table 1.

A method that stands out, such as changing the color of the text or

(eg, item: detergent). In this case, the item is enforced

Certificate of Conformity to Safety Standards according to Rule No. 4 Form (hereinafter referred to as “Report”)

certificate”) or subject to safety confirmation in accordance with the Enforcement Rule Annex Form 7

Items listed in the notification of approval for household chemical products (hereinafter referred to as “notice of approval”);

should be the same

2. Product name

A product name is a unique name given to each product to distinguish it from other products.

As a name, it must be the same as the product name written on the notification certificate or approval notice.

do.

3. Usage

The use shall indicate the use for each item classified according to Attached Table 2 [e.g.,

Use: for automobile (indoor use)]

should be the same However, if the item is bleach, add the series in Table 1 below.

[eg, use (series): for textiles (sodium percarbonate)].

<Table 1> Bleach type sodium

percarbonate type, sodium perborate type, hydrogen peroxide type, chlorine type, etc.

4. Formulation

The dosage form should be labeled (formulation when used) according to the classification column among the dosage forms of household chemical products subject to safety confirmation in <Table 1> according to attached Table 2 . In this case, the dosage form should be the same as the dosage form described in the notification certificate, and if the original dosage form of the product is different from the dosage form when used, the original dosage form of the product may be additionally labeled. However, in the case of products subject to approval, the dosage form described in the approval notice must be labeled, not the dosage form according to the classification column among the dosage forms of household chemical products subject to safety confirmation in <Table 1> according to Attached Table 2.

5. Year of manufacture

Manufacturing year is “•• year •• month”, “•••• year •• month”, “••.••.(year.month.)”,

It should be labeled in the form of “••••.••.(Year.Month.)”. However, if the location of the date of manufacture is separately written, the location where the date of manufacture is written is the text.

It shall be marked or indicated with guidance such as a separate label (e.g., year of manufacture:

displayed at the top of the product). In addition, if it is difficult to understand because the format of the date of manufacture already indicated on the imported product is different from that in Korea, the explanation of how to read it as shown in Table 2 should be added to make it easier for consumers to understand [eg, year of manufacture: AU9131 ÿ 9 (2019) year)131 (January 31)].

<Table 2> Example of indication method of date of manufacture indicated on imported products

PROD19365 ÿ 19 (2019) 365 (produced on the 365th day of the year)
2019, 365 ÿ made on the 365th day of 2019 (December 31, 2019)
19123130876 ÿ 19 (2019)12 (December)31 (31) Sun)
19365123404028316 ÿ 19 (2019) 365 (365 days of the current year)
AU9131 ÿ 9 (2019) 131 (January 31)
9E261 ÿ 9(2019)E(May)26(26th)

6. Expiration date (products that do not apply can be omitted)

The expiry date is based on the date of manufacture by “until” or “year/month”.

should be indicated However, in the case of products subject to approval,

The expiration date shall be indicated.

7. Weight, capacity, number, number, and size

The indication of the weight, capacity, and number of products is in accordance with Article 37 of the ÿMeasurement Act Enforcement Decreeÿ.

It shall be indicated in the statutory measurement unit according to the However, cartridge type, filter type, etc.

It can be replaced with an indication of the number of printable copies or product size. in this case,

The weight, capacity, number, number, and size of the product are the weight of the product stated in the declaration certificate.

ÿSame as capacity, quantity, number, and size

A single value within the range stated on the certificate must be labeled, and the ingredients in the product

and the mixing ratio is the same) , and in the case of products subject to approval

The unit to be sold based on the approved matters must be specified in detail.

do.

8. Freezing point (limited to automotive washer fluid and antifreeze)

The freezing point shall indicate the mixing ratio with water and the freezing point according to the mixing ratio.

It can be displayed in a way such as a table or graph.

9. Liquid (limited to cleaning products and laundry products)

Table 3 shows the liquid according to the hydrogen ion concentration (pH) based on the stock solution.

Accordingly, it should be labeled with a method such as “undiluted solution (liquid)” [eg, liquid: undiluted solution (alkal)

Lee Sung)]. However, in the case of a product with a standard amount of use, the stock solution and the standard amount

Each hydrogen ion concentration (pH) can be displayed as a reference [eg, liquid: stock solution]

(alkaline), standard usage (weak alkalinity)]. In addition, when the division of liquid is ambiguous

Indicate all applicable liquid properties, but include the range value of hydrogen ion concentration together.

It can be labeled [eg, liquid: undiluted solution (neutral, slightly alkaline, pH 7.0~10.0)], and

Products that do not apply can be replaced with a label such as “oily”.

<Table 3> Labeling text of liquid according to hydrogen ion concentration (pH)

Hydrogen ion concentration (pH)	liquid
Exceeding 11.0 Exceeding	Alkaline Weak
8.0 to less than 11.0 6.0 or more	Alkaline Neutral
to 8.0 or less 3.0 or more to less	Weak Acid Acid
than 6.0 less than 3.0	

10. Standard usage (products that do not apply can be omitted)

The standard usage is the amount that can produce the effective function of the product when using it.

In accordance with Article 37 of the ÿMeasurement Act Enforcement Decreeÿ

It should be indicated in units. In the case of concentrated products used after dilution, dilution

Standard usage according to the ratio shall be indicated. However, in the case of products subject to approval

The dose indicated in the approval notice shall be indicated on the label.

11. Efficacy and efficacy (limited to products subject to approval)

The effect and efficacy of the product subject to approval shall be indicated in the notification of approval.

shall.

12. Manufacturer, address, contact information (limited to domestically manufactured products)

The name, address, and contact information of the person who manufactured the product shall be indicated.

(eg, manufacturer, address, contact: Seoul Co., Ltd., Seoul OOO, 02-000-0000)

13. Seller, address, contact information (limited to domestically manufactured products using the manufacturer-developed production method)

Indicate the name, address, and contact information of the person who orders or sells ODM products.

(eg, seller, address, contact: Seoul Co., Ltd., Seoul OOO, 02-000-0000)

14. Name of country of manufacture and manufacturer (limited to imported products)

The country where the imported product was finally manufactured and the trade name should be indicated [eg, the name of the country of manufacture,

Manufacturer: USA (USA), American & Korean]. but,

A distributor of raw materials for recycled inks and toners has issued a safety standard conformity confirmation report.

When it is issued and provided to a remanufactured and remanufactured business of recycled ink or toner

The name of the raw material manufacturer may not be indicated.

15. Importer, address and contact information (limited to imported products)

The name, address, and contact information of the person who imported the product shall be indicated.

(eg, importer, address, contact: Korea Co., Ltd., Seoul OOO, 02-000-0000).

16. Indication of products subject to/not subject to child protection packaging

go. For products subject to child protection packaging

Products with child protection packaging indicate that child protection packaging has been applied .

When purchasing the product, because the trademark, logo, etc. are printed on the product's display surface

mark on the side that is normally visible to consumers (hereinafter referred to as “main display side”)

It must be specified, and it can be omitted if it falls under the exclusion of application. Inquiries

The mark is a red border (line thickness) of sufficient width to be clearly visible as shown in Figure 1.

0.5 mm or more) in red text on a white background (Gothic stay), centered

let it do In this case, the shape of the design must be an upright rectangle.

The type size should be 6 points or more, but the width and .

You can adjust the vertical ratio and the thickness of the border line.

[Figure 1] Indication design of child protective packaging

me. If the product is not subject to child protection packaging

1) ÿ according to Attached Table 4 . Standards for essential items for child protective packaging and ÿ. Child protection

Among the products that fall under the packaging application material standards, for purposes other than household use

A person who intends to sell or distribute a product shall write “For home use” on the main display of the product.

Not a product” or for specific uses (e.g., “Kasen” for automotive washer fluid)

“for industrial use” or “industrial use” in the case of instant adhesive) or similar expressions

should be indicated

2) Even though the product is not subject to child protection packaging, child protection packaging is applied.

In case of application, it can be labeled according to item A and 19.

17. Chemicals used in the product

Main substances used in the product, preservatives, allergens, surfactants,

The name (1) of the substance corresponding to other substances shall be indicated in the following order of classification.

However, the chemical substances used in the product are divided into main substances, preservatives, and surfactants.

In case of overlap in , it can be indicated only in the relevant division representing the substance.

go. Main material (eg, main material: paraffin wax, polydimethylsiloxane)

The name of the substance corresponding to the following categories used in the product shall be labeled.

do. However, in the case of printing ink and toner, only the name of the substance corresponding to 1)

can be displayed If the relevant substance is a fragrance, a function is added to

It must be labeled as “fragrance (substance name)”, and it must be labeled with two or more substances.

In the case of a composed mixture, it is indicated by the method of “fragrance (representative substance name, etc.)”

Can [eg, main substance: fragrance (d-limonene, etc.)].

1) A representative substance that constitutes a significant part of the product (maximum content, etc.). However, do

If the substance to be affected is water (purified water), the next most

The name of the constituent material should also be additionally described.

2) A representative substance that expresses the main function of the product

me. Preservative (eg, preservative: ethanol)

Substances used for the purpose of preserving products according to subparagraph 7 of Article 3 of the Act.

If biocidal substances are used, the names of all relevant substances shall be indicated.

shall.

All. Allergic substance* (e.g., allergenic substance: amylcinnamal)

When 0.01% or more of the allergenic substances shown in Table 4 are used in the product

The name of all relevant substances shall be indicated on the label, and less than 0.01%

Even when used, the name of the corresponding substance may be indicated.

* The name of the labeling of the possible allergic reaction can be abbreviated as “allergic substance”

<Table 4> List of Allergic Substances

1. Amylcinnamal (CAS No 122-40-7)
2. Benzyl alcohol (CAS No 100-51-6)
3. Cinnamyl alcohol (CAS No 104-54-1)
4. Citral (CAS No 5392-) 40-5) 5.
Eugenol (CAS No 97-53-0) 6.
Hydroxycitronellal (CAS No 107-75-5) 7.
Isoeugenol (CAS No 97-54-1) 8. Amyl Cinnamyl
Alcohol (CAS No 101-85-9) 9. Benzyl Salicylate
(CAS No 118-58-1) 10. Cinnamyl Alcohol (CAS
No 104-55-2) 11. Coumarin (CAS No 91-64-) 5)
12. Geraniol (CAS No 106-24-1) 13. Aniseethanol
(CAS No 105-13-5) 14. Benzylcinnamate (CAS
No 103-41-3) 15. Farnesol (CAS No. 4602-84-0)
16. Butylphenylmethylpropional (CAS No
80-54-6) 17. Linalool (CAS No 78-70-6) 18.
Benzylbenzoate (CAS No 120-51-4) 19. Citronellol
(CAS No 106-22-9) 20. Hexylcinnamal (CAS No
101-86-0) 21. Limonene (CAS No 138-86-3,
5989-27-5, 5989-54- 8) 22. Methyl 2-octinoate
(CAS No 111-12-6) 23. Alpha-isomethyl ionone
(CAS No 127-51-5) 24. Hydroxyisohexyl 3-
cyclohexenecarboxaldehyde (CAS No 31906-04-4) 25.
Oak moss extract (CAS No 90028-68-5)(1) 26. Tree
moss extract (CAS No 90028-67-4)(1) Main (1) Atranol (CAS) No 526-37-4) and
chloroatranol (CAS No 57074-21-2) are components of oak moss extract and tree
moss extract

la. Surfactant [eg, surfactant: alkylbenzenesulfonate (anionic)]

All substances used as surfactants in the product and the series according to Table 5 are listed as “substance name”.

(series)” shall be indicated.

<Table 5> Surfactants

series Anionic, nonionic, zwitterionic, cationic, etc.

mind. Fluorescent brightener (limited to detergent, laundry detergent, bleach) [Example, fluorescent whitening agent 2,2'-

(1,2-ethandyldi-4,1-phenylene)bisbenzoxazoyl]

If a fluorescent whitening agent is used in the product, the name of all relevant substances

should be indicated

bar. Other substances (eg, other substances: sodium hydroxide, isopropylbenzene)

If a substance according to the following classification is used in the product, the name of the substance

should be indicated If the substance is used as an acidity regulator, etc.

It can be labeled by adding a function [eg, other substances: sulfuric acid (acidity regulator)].

However, if the substance is a major substance, a preservative, an allergic reaction substance, and a surfactant

In any of the divisions, the name of the substance is already indicated.

In this case it is not so.

1) According to subparagraph 10 of Article 2 of the ÿAct on Registration and Evaluation of Chemical Substancesÿ

Hazardous chemical substances (the content of which is designated as toxic substances

In accordance with the “Designation of Restricted Substances and Prohibited Substances”

If the mixture does not meet the designation standards, or the National Institute of Environmental Sciences notice

Classifier for mixtures according to “Regulations on Classification and Labeling of Substances”

2) According to subparagraph 10-2 of Article 2 of the ÿAct on Registration and Evaluation of Chemical Substancesÿ

Critical Controlled Substances (2)

3) Biocidal substances under subparagraph 7 of Article 3 of the Act

4) Nanomaterials intentionally contained in products pursuant to Article 28 (2) 3 of the Act

5) Any substances used in tattoo dyes (3). However, substances falling under the following

can be omitted

A) Substances containing a small amount at a level that does not have a harmful effect on the human body

b) Substances that are removed during the production process and do not remain in the final product

C) As an incidental substance contained in the raw material itself, such as a stabilizer, its effect is

Substances that contain less than the amount that causes them to appear

Note (1) Method of description of chemical substance name

ÿ Write the name of the substance specified by the law or public notice. However, in the case of products subject to approval

You can write the name of the substance listed in the approval notice.

ÿ The name of a substance that is not specified in the law or public notice is the name of the substance registered in the

'National Institute of Environmental Sciences Chemical Information System (http://ncis.nier.go.kr)', IUPAC (International

Union of Pure and Applied Chemistry) name Alternatively, it can be written based on the name of CA (Chemical Abstracts)

or replaced with a commonly used name.

Note (2) Substance labeling method in the case of new designation ÿ In

the case of designation after the safety standard confirmation report, it is within the validity period of the confirmation

The mark can be omitted.

ÿ Among products for which the validity period of confirmation has been renewed and reported, if it is newly designated

within 6 months before the expiration date of the validity period, the indication may be omitted during the validity period

of the renewed confirmation.

Note (3) Labeling of substances used in tattoo dyes ÿ Label the

substances with the highest content used in the manufacture of tattoo dyes. However, substances used in 1% or less can

be labeled regardless of the amount of the content.

ÿ Mixed raw materials indicate the name of each mixed substance. ÿ Substances used

for the purpose of adjusting the hydrogen ion concentration (pH) should not be labeled as such.

It can be expressed as a product according to the neutralization reaction.

18. Signal Words and Pictograms

In accordance with Article 2, No. 10 of the ÿAct on Registration and Evaluation of Chemical Substances, etc.ÿ

If hazardous chemicals are used (the content of

Mixing according to “Designation notice” or “Designation of Restricted Substances and Prohibited Substances” by the Ministry of Environment

(limited to cases designated above the designated standards for water), announced by the National Institute of Environmental Sciences

According to the classification criteria for mixtures in ÿRegulations on Classification and Labeling of Chemical Substances, etc.ÿ

Signal words and pictograms according to the requirements shall be indicated. However, if the material has an acidity

This is not the case when used as a regulator. Signal word is in Article 10 of the same regulation.

It should be indicated in a conspicuous manner. pictograms are

Refers to the indication in accordance with Article 9 of the Regulation, and the size of pictograms is 1 cm2 in minimum area.

It should be marked to be abnormal.

19. How to use (products that do not apply can be omitted)

For products applied with child protection packaging , refer to the 'How to open child protection packaging container (if necessary).

(including how to close)” shall be displayed in a conspicuous manner.

In this case, it applies to the outer cover of the child protective packaging container, not the display surface.

It can be indicated with words or pictures about the method. of approved products

In this case, the usage method described in the approval notice must be indicated, and other safety confirmations must be made.

Consumers' prior knowledge of target household chemical products, such as the application of specific usage

It can be marked if necessary.

20. Precautions for use

ÿ of Attached Table 5. Precautions for use according to specific labeling for each product are mandatory

Labels should be displayed in a conspicuous manner, and recommended labeling should be

can be displayed in a conspicuous way. However, overlapping precautions for use

It may be omitted or a combination of similar phrases may be indicated, and if necessary, appropriate

Change the terminology or add detailed information to use the product safely

can be displayed In the case of a product subject to approval, the use described in the approval notice

Caution should be indicated.

21. First Aid

ÿ of Attached Table 5. First aid phrases according to specific labeling for each product are mandatory

Information should be displayed in a conspicuous manner, and recommended labeling should be

method can be displayed. However, redundant first aid phrases are omitted or

Similar phrases may be combined and indicated, if necessary, in appropriate terms

It is possible to change or additionally display detailed information for first aid.

22. Safety standard confirmation mark

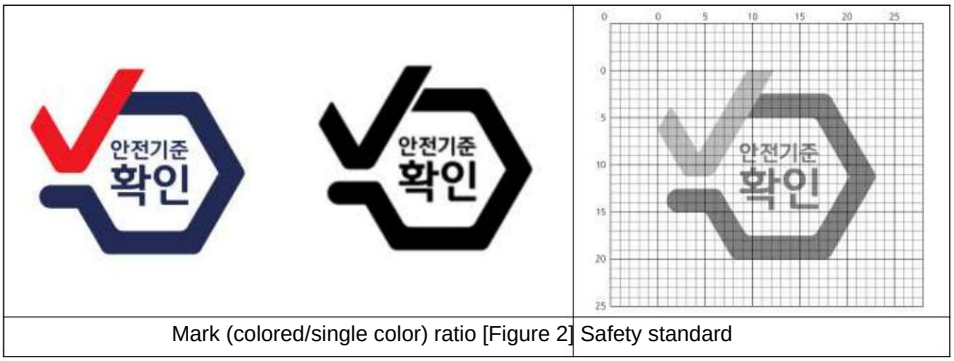
Draw a safety standard confirmation mark that can confirm that the product complies with safety standards

2 should be indicated. In this case, the color of the mark is colored or solid.

can be displayed using, the size of the mark is adjusted according to the size of the display surface

However, the horizontal and vertical ratio should be kept constant. However, subject to approval

In the case of products, it may not be applied.



Mark (colored/single color) ratio [Figure 2] Safety standard confirmation mark design

23. Safety standard conformity confirmation report number / household chemical product approval number subject to safety confirmation

The safety standard conformity confirmation report number is the report number written on the report certificate,

The approval number for household chemical products subject to confirmation is the approval number written in the approval notice at a glance.

It should be marked in a conspicuous way (eg, notification number: 0000).

[Appendix 1]

Example of how to display pictograms

Examples of how to display pictograms consume phrases such as precautions for use and first aid.

Guidance on how to display with pictograms for self-intuitive understanding

It is a reference material to However, in the case of using the pictogram design according to the table,

To avoid problems related to intellectual property rights,

must be complied with.

1. As shown in the figure below, “©AISE” must be displayed, and the relevant web address (w

   ww.cleanright.eu) can be displayed together.

2. The pictogram shall be indicated on the product surface or packaging in accordance with Attached Table 6.

   It cannot be used for advertising purposes such as product brands or trademarks.

3. For the color of the pictogram, other dark colors can be used instead of black.

   In the case of an X mark, it must always be marked in red, and the size of the pictogram is

   It must be at least 1 cm2.

4. Pictograms shall be indicated only in connection with the wording specified in the table, and

   It cannot be displayed in combination with any other phrases that do not exist.

<Figure> Example of pictogram display

<Table> Text related to pictogram design for each

Pictogram	Indications	labeling statement
	Precautions for use	ÿKeep out of reach of children.
	Precautions for use	ÿDo not let the contents come into contact with your eyes.
	first aid	ÿIn case of contact with eyes, rinse immediately. ÿIn case of contact with eyes, wash with clean water and Consult your doctor if
	First Aid	ÿIf on skin, wash with plenty of water and soap.
	Precautions for use	ÿDo not allow the contents to come into contact with eyes or skin. ÿWear appropriate protective equipment such as gloves.
	first aid	ÿIf the contents are eaten or swallowed, take first aid and seek medical attention immediately. Please consult with your company.
	Precautions for use	ÿAfter use, the remaining amount may be used incorrectly. Keep in container.
	Precautions for use	ÿWhen using in an enclosed space, provide sufficient ventilation.
	Precautions for use	ÿKeep container sealed at all times.

[Appendix 2]

Example of labeling design for household chemical products subject to safety verification

1. In case of marking on the surface of the product or on the packaging

<Main screen*>

child protective packaging

Labeling of household chemical products subject to safety verification

Report number: 0000

Item: Use: Year of manufacture: Freezing point: Liquid: Manufacturer, Address, Contact: Seller, Address, Contact: Country of manufacture, Manufacturer: Importer, Address, Contact: Substances Used Main Substance: Preservative: Allergen: Interface Activator: Fluorescent brightener: Other substances: How to use ÿ Precautions for use ÿ First aid ÿ

Product Name:

Formulation:

Shelf Life: Weight,

Volume; Number of Sheets:

Standard Usage:

signal word

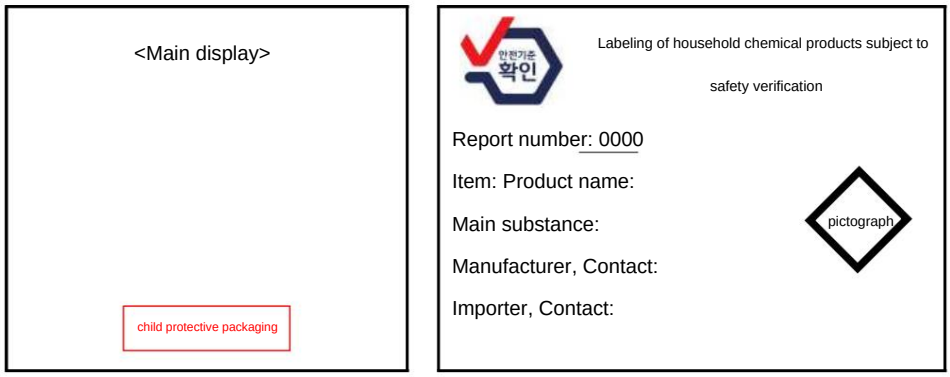
pictograph

* The main display surface is the trademark, logo, etc. printed on the display surface of the product.

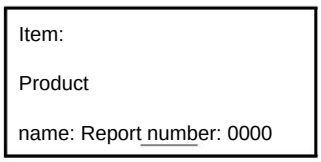
It refers to the aspect that the consumer sees.

2. Tables on the surface or packaging of products with a display area of 50 cm2 to 100 cm2

When displayed on the sheet



3. In case of marking on the surface of the product or the packaging of the product with an area of less than 50 cm2



[Asterisk 7]

Confirmation of conformity with safety standards and submission of reports Scope and method of product and document preparation

1. Scope of products submitted for confirmation of conformity with safety standards

In accordance with Article 10 (1) of the Act and Article 5 (1) of the Enforcement Decree of the same Act,

The “corresponding product” to be submitted refers to the following products.

go. The finished product after the manufacturing process has been completed. In this case, the container or packaging of the finished product must be

Indications may be omitted. However, prototypes in the stage before the finished product, etc.

It does not apply to finished products.

me. DIY products (1) in the form that consumers directly manufacture . However, two of the raw materials

In the case of manufacturing by mixing the above, the ingredients and

The mixing ratio for each substance should be specified in the mixing ratio. In this case, safety standards are met

Including cases where new products are manufactured by mixing only approved products

do.

Note (1) Abbreviation for do-it-yourself, a product that allows consumers to make their own products

All. In the case of recycled inks and toners, domestic raw material manufacturers or importers

raw material

2. Scope and method of filling out documents to be submitted

go. Safety standards in accordance with Article 10 (1) of the Act and Article 5 (1) of the Enforcement Regulations of the same Act

Specific details for each document to be submitted to the testing and inspection institution to confirm the suitability

Table 1 below shows the scope and method of preparation. In this case, there is a separate sheet

In the case of documents, follow the preparation method specified in each form.

<Table 1> Scope and method of submission of confirmation documents

documents to be submitted	Writing scope and writing method	Format
Documents related to product information, such as product photos and manuals	ÿ The photo of the product must be divided into the front and back sides, and the overall shape of Attached Paper No. 1 of the product must be revealed. Compliance with safety standards ÿ In the product manual, the purpose of the product (including additional functions), the main user of the product for confirmation, the space or object to be used, the method of use, and the precautions should be described. ÿ Substances determined and announced by the Minister of Environment refer to the following substances. However, for substances falling under ÿ and ÿ, the content should not be written within the range because it is a trade secret. ÿ Conforms to the safety standards for main substances and preservatives among the substances in Chemical Annex No. 2 used in the product according to the labeling items in Attached Table 5 ÿ The substance and composition ratio of the product for confirmation of the chemical safety standards for each item according to Attached Table 2 ÿ Attached Table 4 Substances that meet the criteria for applying child protective packaging according to	
Documents on the composition, mixing ratio, and use of chemical substances determined and announced by the Minister of Environment among substances contained in products	ÿ Only when a product contains a substance determined and announced by the Minister of Environment, the mixing ratio, etc. for each substance should be written in the attached form No. 2	
	ÿ The following documents are required to confirm whether or not prohibited substances are contained in the safety standards for chemical substances by item according to Attached Table 2. In this case, it is limited to the case where the test of chemical substances confirming conformity with safety standards for prohibited substances is not applied for in Annex No. 3 of the test/inspection equipment. Non-contained/non-used ÿ A copy of the test report confirming that there are no prohibited substances in the product from the testing/inspection institution designated in accordance with Article 1, Paragraph 1 of Article 4 of the Commitment Act for the prohibited substances designated for each item	

	ÿ If the test report in accordance with ÿ cannot be submitted, the form in Appendix 3 confirming that the prohibited substances designated for each item are not contained in the product. Documents necessary to confirm that no substances have been used other than the substances for which the confirmation test is conducted refer to the non-use confirmation of the form chemical substance in Attachment No. 3. ÿ In the case of products that do not apply child protective packaging, the document required to confirm that the substances specified in the child protective packaging application substance standards in Attached Table 4 are not used refer to the non-use of form chemical substances in Appendix 3. ÿ If you want to use a product that has received safety standard conformity as a component of a DIY product, you can omit the form in Appendix 3. ÿ If you wish to request another testing/inspection agency for a product that has been confirmed to be nonconforming to safety standards, attach a copy of the verification result for household chemical products subject to safety verification issued by the original testing/inspection agency to Attachment No. 2 form.	
Documents proving that the container was inspected and passed in accordance with Article 17 of the High-Pressure Gas Safety Management Act (applicable only to spray-type products using high-pressure gas).	ÿ A copy of the design stage inspection pass certificate issued by Korea Gas Safety Corporation or a copy of the KC mark	
According to Article 15 of the ÿElectrical Appliances and Household Appliances Safety Management Actÿ, it is a product that proves that it is a product that has passed a copy of the test result or a copy of the KC mark according to the product safety verification system (KC) (Operation (KC) of the ÿElectrical Appliances and Household Appliances Safety Management		

It is only applicable to products for marine sterilizers.)		
Documents proving that the safety standards for containers or packaging for child protection under Article 9 (2) 3 of the Act have been complied with (applicable only to products to which containers or packaging for child protection are applied)	ÿ Attached Table 4. Among the safety standards for child protective packaging, “IV. A copy of the confirmation certificate certifying that the child protective packaging meets the safety standards stipulated in the “Self-safety standards for child protective packaging”	Attachment No. 7 Child Protection Packaging Confirmation Application

me. Tests and inspections in accordance with Article 10 (4) of the Act and Article 5 (4) of the Enforcement Regulations of the same Act

After receiving confirmation of conformity with safety standards from the institution,

The specific scope and method of preparation for each document to be submitted for reporting are as follows.

Table 2 shows. In this case, in the case of documents with separate forms,

Follow the prescribed writing method.

<Table 2> Scope and method of filling out documents to be submitted

documents to be submitted	Scope of writing and how to write ÿ The	Format
Documents related to product information such as product photos and manuals	photo of the product should be divided into the front and back sides, and the overall shape of the product should be revealed. In this case, mark samples shall be attached to the front and back of the photo in the form of a design attached at the time of shipment. Weight, capacity, number, number, and size can be reported within the range (minimum to maximum) . Product information sheet ÿ If there is a derivative product other than the representative product, a document proving that the product is a derivative product in addition to product information such as the name and photo of the derivative product must be attached to Form No. 4 of the attached sheet. However, unlike the representative product, the container material, shape, etc. may change.	Attachment No. 4 ÿ

	A copy of the test report confirming compliance with the safety standards according to Attached Table 3 shall be attached to the document certifying that the derivative product is a derivative product. ÿ In accordance with Article 5 (6), if there is a product supplied by the person in Article 2, Item 5 (b) by orderer, documents proving that the same ODM product is being delivered to multiple orderers in addition to product information such as product name and photo for each orderer (Attach the orderer's name or trade name, address and contact information, copy of the delivery contract, etc.) to Attachment No. 4 form.	
Documents on the composition, mixing ratio, and use of all substances contained in the product	ÿ Substances refer to individual substances that can be identified and contained in products, including impurities, non-chemical substances, and chemical substances. For intentionally used mixtures, the entire composition should be identified and prepared. However, it may be omitted if the substance that is unintentionally generated is not known. ÿ For substances without mixture quality or unique number, the Material Safety Data Sheet (MSDS) in accordance with Article 41 of the Industrial Safety and Health Act or the Safety Data Sheet No. 5 for substances recognized domestically and abroad, and the product safety data sheet (SDS) , attach data that can identify substances containing substance information, such as substance information provided by the manufacturer of the product or all substances in the product. However, for substances that do not generate or exist in the substance information component and mixing ratio itself, the name of the substance and manufacturer information are attached separately. ÿ Form No. 2 is attached for comparison of Form No. 5 with the substance information submitted to testing and inspection institutions. ÿ If the foreign manufacturer of imported products refuses to provide the importer with the attached Form 5 due to trade secrets, the foreign manufacturer can fill out the form and submit it directly to the Korea Environmental Industry and Technology Institute. ÿ The labeling sample must be submitted in the form of a Korean file or pdf file in	
Life subject to safety confirmation indicating the matters in each subparagraph of Article 10 (6) of the Act	compliance with the labeling standards under Article 6. However, the report number is treated as blank.	

chemical label samples	ÿ Even when reporting derivative products other than representative products and products delivered by the person specified in Article 2, Item 5 (b) by orderer, a labeling sample for each product must be prepared and submitted.	
Data that can prove the product's effectiveness and efficacy .	ÿ Confirmation certificate proving the effect and efficacy of the product by biocidal Annex No. 10 substance in the product among household chemical products subject to safety confirmation Copy of Efficacy confirmation letter	Efficacy confirmation ÿ .

[Asterisk 8]

How to assign a report number to household chemical products subject to safety confirmation subject to notification

1. Composition of the report number

ÿ ÿ		ÿ			ÿ			ÿ			
AA			**9 - 0**			**1 - 0**			**0**	**0**	

2. How to assign a report number

go. In column ÿ, the classification code of the test/inspection organization that has received safety standard conformity confirmation is as follows.

write together

Test and analysis institution name	code	Test and analysis institution name	code
Korea Environmental Industry and Technology Institute	A	Korea Apparel Testing and Research Institute	E
Korea Environment Corporation	B	Korea Research Institute of Chemical Convergence	F
Korea Construction Living Environment Testing Institute	C	FITI Test Research Institute	G
Korea Institute of Machinery, Electrical and Electronic Equipment	D	KOTITI Testing and Research Institute	H

me. In the ÿ column, write the child protective packaging target or not code as follows.

subject	code	subject	code
Target	A	non-target	B

All. In column ÿ, enter the last two digits of the year of the first confirmation of conformity with safety standards.

Write it down. ~~Even in the case of re-inspection, the first report year is not changed.~~

la. In the ÿ column, write the item code of household chemical products subject to safety verification as follows.

do.

Item name	code	Item name	code	Item name	code
detergent	01	Automotive washer fluid	16	Fog fluid for performances	31
remover	02	Antifreeze for automobiles	17	slush	32
Laundry Detergent	03	Printing Ink/Toner	18	finish	33
bleach	04	Beauty Adhesive	19	hardener	34
Fabric Softener	05	Tattoo Dye	20	hardening accelerator	35
Gloss coating agent	06	disinfectant	21	Sporting goods cleaning polish	36
Special purpose coating agent	07	algicide	22		
Rust inhibitor	08	repellent	23		
Ironing aid	09	Wood preservative	24		
glue	10	Filter-type preservation treatment products	25		
binder	11	candle	26		
air freshener	12	dehumidifier	27		
deodorant	13	Artificial Eye Spray	28		
object dye	14	pad	29		
Object Paint	15	Correction fluid and correction tape	30		

mind. In column ÿ, sequentially enter the 4-digit serial number according to the changes in items ÿ to ÿ.

Write in numbers.

bar. 90 days before the end of the valid period of confirmation pursuant to Article 10 (3) of the Act (Saturday and

Receive confirmation of conformity to safety standards within

Products reported in accordance with Article 10 (4) of the Act (codes in items A and B are identical

must) does not change the report number.

ÿ Designation of household chemical products subject to safety verification and notification of safety and labeling standards [Annex No. 1 Form]

Product information sheet for confirming compliance with safety standards	
product photo	product manual
<Front>	1. Product Features 2. Intended use - main user - Use space or target - Add-ons 3. How to use 4. Precautions (general or in use) 5. Other matters ÿ Product manuals are different for each item and product feature. to be written autonomously by the company, but It is recommended to write items in order. also consume For the purpose of providing self-information, the product Should be included in the documentation
<back>	

210mm×297mm [White paper (80g/m2) or heavy paper (80g/m2)]

ÿ Designation of household chemical products subject to safety verification and notification of safety and labeling standards [Annex No. 2 Form]

Ingredients and mixing ratio of the product to confirm compliance with safety standards

ÿ Classification	ÿ Ingredients	unique number (CAS No, etc.)	ÿ Mixing ratio (%)	ÿ Use (function)	note
Main Substance (Maximum Content)					
Main Substance (Main Function)					
preservative					
Content-restricted substances					
Substances for application of child protective packaging					

Name:

Representative: (Signature or Seal)

attached document	1. A copy of the verification result of household chemical products subject to safety verification in Annex 2 of the Enforcement Rule Limited to the case of requesting the product to another testing/inspection organization)

How to write

ÿ Classification: Each item should be classified as follows.

- Main Substance: Substances constituting a significant part of the product (maximum content, etc.) and substances that express the main function of the product. However, the maximum content is water In the case of (purified water), additionally indicate the substance that constitutes the next significant part

  ÿ If the main substance is a mixture of fragrance ingredients (eg, fragrance, etc.), “fragrance” can be written in the ingredient name.

- Preservatives: Biocidal substances used for preserving product raw materials and the product itself
- Content-restricted substances: Substances corresponding to content-restricted substances for each item according to Attached Table 2
- Child protective packaging application standard substances: Substances to which child protective packaging is applied when contained in products according to Annex 4

ÿ Ingredient name: Indicate the name of the substance as determined by law or notification. The names of substances that are not prescribed by law or public notices Substance names listed in 'Substance Information System' (http://ncis.nier.go.kr), IUPAC (International Union of Pure and Applied Chemistry) names, or can be written based on the CA (Chemical Abstracts) name or as a common name

ÿ Mixing ratio: In the case of major substances (functional-expressing substances) and preservatives, when it is difficult to quantitatively describe the content of ingredients due to trade secrets, etc. can be written as a range of maximum and minimum values in

ÿ Use (function): Describe the function that the component expresses in the product

210mm×297mm [White paper (80g/m2) or heavy paper (80g/m2)]

ÿ Designation of household chemical products subject to safety verification and notification of safety and labeling standards [Annex No. 3 Form] (front)

Declaration of non-containment and non-use of chemical substances

submitter	Trade name (name)		Company Registration Number	
	Name (representative)		contact person's name and Contact	(e-mail:)
	Location (place of business)			(Phone Number:) (Fax Number:)
product Information	subject		product name	
			formulation	
	Country of manufacture (In the case of imported products)		manufacturer (In the case of imported products)	
	Number of raw materials		Number of raw material suppliers	
	Prohibited Substances (A)			
	Substance used (B)			
	containing children's Packaging application Substance (C)			

affirmation Contents

Safety standards for each item in accordance with Annex 2 of ÿDesignation of household chemical products subject to safety verification and safety and labeling standardsÿ

Among the 'prohibited substances' (A) and content-restricted substances defined in

Substances other than 'substances used' (B) for

Substances other than the restricted substance (C) are used as raw materials for products, as preservatives in raw materials, in the manufacturing process of products, etc.

It has been confirmed that the product has not been contained or used. If checked

Confirm that you will not object to any legal action if anything other than

Weak.

ÿAct on the Safety Management of Household Chemicals and Biocidesÿ Article 10 (1) and the same Act

Submit in accordance with Article 5, Paragraph 1 of the Enforcement Regulations.

year month Work

representative : (Signature or Seal)

210mm×297mm [White paper (80g/m2) or heavy paper (80g/m2)]

(behind)

How to write

1. For Prohibited Substances (A), the names of prohibited substances according to the common standards and prohibited substances by item are described in accordance with Appendix 2.

2. Substances (B) to be used include substances that meet the content standards for substances used in <Table> products among the content-restricted substances in the safety standards for each item in Attached Table 2 as raw materials for the product;

   If it is used as a preservative in raw materials or in the entire manufacturing process, the name of the substance to be used is indicated.

3. Substances (C) for child protection packaging contained in ÿ. If it contains a substance that meets the substance standards for child protective packaging, the name of the substance

   Write it down.

4. If there is not enough space to indicate the substances in the prohibited substances or substances to be used, or the substances that are contained in child protective packaging, a separate sheet is attached.

ÿ Designation of household chemical products subject to safety verification and notification of safety and labeling standards [Annex No. 4 Form]

Reportable product information sheet

Product Category	] Conformity confirmed product (limited to cases where there is no derivative product)] Representative products and derivatives] Derivatives [[[[ ] Same ODM products (limited to Article 5 (6))		
Suitable/representative product name		Use/Formulation	
Derivative/ODM product name		Differences from the flagship product	
Suitable/representative product pictures		Derivative/ODM product photos	
<Front>		<Front>	
<back>		<back>	
attached document	1. Documents proving that the product is a derivative product (limited to the case of derivative products)		

210mm×297mm [White paper (80g/m2) or heavy paper (80g/m2)]

ÿ Designation of household chemical products subject to safety verification and notification of safety and labeling standards [Appendix Form 5] (front)

Ingredients and mixing ratio of all substances in the product

subject	product name	Use/Formulation
Manufacturer/Importer	Country of manufacture (in the case of import)	Manufacturer (in case of import)

ÿ Serial number	ÿ Ingredient name	unique number (CAS No, etc.)	ÿ Mixing ratio (%)	ÿ Use (function)	ÿ Whether to be subject to labeling	note
~						
2						
2-1						

We promise that there are no substances or mixtures other than those listed above.

Year Month Day

ÿ Trade name:

ÿ Representative: (Signature or Seal)

210mm×297mm [White paper (80g/m2) or heavy paper (80g/m2)]

(behind)

attached document	1. In the case of a substance without a substance or identification number (CAS No.), one of the following data Material safety data sheet (MSDS) according to Article 41 of the ÿOccupational Safety and Health Actÿ · Safety data for substances recognized at home and abroad · Product Safety Data Sheet (SDS) Substance information provided by the product or substance manufacturer · Material manufacturer information in case the substance information itself does not exist 2. Ingredients and mixing ratio of the product for confirmation of conformity with the safety standards in the attached table No. 2 form submitted to the testing and inspection institution

How to write

ÿ Ingredient number: A number is assigned to each individual component contained, and if the component is a mixture, the name of the component constituting the mixture is listed below.
Must be written by number

ÿ Ingredient name: Indicate the name of the substance as determined by law or notification. The names of substances that are not prescribed by law or public notices
Substance names listed in 'Substance Information System' (http://ncis.nier.go.kr), IUPAC (International Union of Pure and Applied Chemistry) names, or
can be written based on the CA (Chemical Abstracts) name or as a common name

ÿ Mixing ratio: The content of the ingredient should be written in integers, but if the content is 1.0% or less, it should be written down to the third decimal place.
However, in the case of ingredients constituting the mixture, the data provided by the manufacturer of the mixture or the information indicated on the MSDS and the notification
Enter information you know

ÿ Use (function): Describe the function that the component expresses in the product (eg, acidity regulator, solvent, etc.)

ÿ Whether or not to be subject to labeling: Write in the case of substances that fall under each of the following items (eg, major substances, preservatives, allergens, etc.)

- Main substance (maximum content): Substances that make up a significant part of the product (maximum content, etc.). However, if the maximum content is water (purified water), the next
Substances constituting a significant part are additionally indicated
- Main substance (main function): Substance that expresses the main function of the product
- Preservatives: Biocidal substances used for preserving product raw materials and the product itself
- Possible allergic reaction: Table 6. If the substances in Table 4 are used at 0.01% or more in the product, it can be abbreviated as an allergen substance.
- Surfactants
- Hazardous chemical substances: Hazardous chemical substances designated in accordance with subparagraph 10 of Article 2 of the ÿAct on Registration and Evaluation of Chemical Substancesÿ
- Biocidal substances: Biocidal substances under subparagraph 7 of Article 3 of the Act
- Critical Controlled Substances: Critical Controlled Substances designated in accordance with Article 2 Subparagraph 10-2 of the ÿAct on Registration and Evaluation of Chemical Substancesÿ
- Nanomaterials: Nanomaterials intentionally contained in the case of biocidal treatment products

ÿ In the case of imported products, a foreign manufacturer can fill out and submit it, and the trade name and representative must include the foreign manufacturer's information.

210mm×297mm [White paper (80g/m2) or heavy paper (80g/m2)]

ÿ Designation of household chemical products subject to safety verification and notification of safety and labeling standards [Annex No. 6 Form] (front)

Risk Assessment Application

submitter	Trade name (name)		Company Registration Number	
	Name (representative)		contact person's name and Contact	(e-mail:)
	Location (place of business)			(Phone Number:) (Fax Number:)
product Information	subject		product name	
	purpose		formulation	
	Country of manufacture (In the case of imported products)		manufacturer (In the case of imported products)	
matter Information	substance name	CAS number	Mixing ratio (%)	In-product use

Risk assessment according to Article 5 (3) of ÿDesignation of household chemical products subject to safety verification and safety and labeling standardsÿ

For the purpose of this, the application is made as above, and if there are false

I confirm that I take full responsibility for it.

year month Work

representative : (Signature or Seal)

210mm×297mm [White paper (80g/m2) or heavy paper (80g/m2)]

(behind)

ÿ Attached documents	1. Copy of business registration certificate 2. Product manual (use of product, method of use, working principle, product photo, etc.) 3. Exposure scenario (user, exposure target, exposure frequency, replacement cycle, etc.) 4. Physical and chemical property data (state of substance, solubility in water, melting/freezing point, boiling point, vapor pressure, octanol/water partition coefficient, etc.) 5. Hazardous test data (toxicity information such as chronic or subchronic inhalation toxicity data) 6. Other data necessary to prove safety

How to write

ÿ Attached documents

- If exposure to people and the environment is limited to a specific route in consideration of the product's intended use and environment, some data may not be submitted.
  It may not be.
- For test data on physical and chemical properties and hazards, refer to ÿRegulations on Testing Methods for Chemical Substances (National Institute of Environmental Science Announcement)ÿ
  must go

210mm×297mm [White paper (80g/m2) or heavy paper (80g/m2)]

ÿ Designation of household chemical products subject to safety confirmation and notification of safety and labeling standards [Appendix No. 7 form]

Child protective packaging confirmation application

(Combined with child protective packaging confirmation certificate)

Applicant	Trade Name (Name)		Company Registration Number	
	Name (representative)		contact person's name and Contact	(E-mail: (Phone)
	location (workplace)			number:) (Fax Number:)
safety standards Confirmation of conformity	division [	] Produce [ ] income	subject	
	product name		purpose	
	formulation		Weight•Capacity•Number	
Application product Information	Packaging type and method (sewing possible or not) Reclosable packaging, continuous spiral closure: arbitrarily downward rotation			
children Confirmation of safety standards for protective packaging Information	Manufacturer name		model name	
	address (Phone/Fax number:)			
	Packaging type and method (sewing possible or not) Reclosable packaging, continuous spiral closure: arbitrarily downward rotation			
	safety standards Compliance proof of confirmation (Choose 1)	] Transcript (Certificate)] Test result report [[[ ] Etc _____	Issue number when applicable	issuer
			Issue date	Inspection standards ISO-8317:2015
			[ ] Preliminary exam [ ] Main exam (limited to cases in accordance with National Institute of Environmental Sciences Notice No. 2019-70)	

In accordance with Article 5 of ÿDesignation of household chemical products subject to safety verification and safety and labeling standardsÿ, household chemicals subject to safety verification

In order to use the child protective packaging for the product, apply for confirmation as above, and if there is any false

In this case, we confirm that the applicant assumes full responsibility for this.

month Work

Applicant : (Signature or Seal)

To the head of the test/inspection institution

attach document	1. A copy of the business registration certificate
	2. One copy of the product manual in the child protective packaging
	3. One copy of documents confirming that child protective packaging was used (certificate, transcript, test result report, etc.)

Application confirmation number:

In accordance with Article 5 of ÿDesignation of household chemical products subject to safety verification and safety and labeling standardsÿ, household chemicals subject to safety verification

We issue a child protection packaging confirmation certificate for the product.

year month Work

Head of test and inspection agency seal

210mm×297mm [White paper (80g/m2) or heavy paper (80g/m2)]

ÿ Designation of household chemical products subject to safety verification and notification of safety and labeling standards [Annex No. 8 Form]

Application for change of child protective packaging

(Combined with the child protective packaging change confirmation certificate)

Applicant	Trade Name (Name)		Company Registration Number	
	Name (representative)		contact person's name and Contact	(E-mail: (Phone)
	location (workplace)			number: (Fax) number:)
children Contents of proof of confirmation of protective packaging	division [ ] Produce [ ] income		subject	
	product name		purpose	
	formulation		Application confirmation number	
	Child protective packaging verification method] Transcript (Certificate) [ ] Test Result Report [ ] Etc			
	[Packaging type and method (sewing possible) Reclosable packaging, continuous spiral closure: arbitrarily downward rotation			
Change request content	(Use a separate sheet if necessary)			

In accordance with Article 5 of ÿDesignation of household chemical products subject to safety verification and safety and labeling standardsÿ, household chemicals subject to safety verification

I request that the information on the child protective packaging used for the product has been changed as above, and I confirm that the applicant will be held responsible for any falsehood in the above facts.

year month Work

Applicant : (Signature or Seal)

To the head of the test/inspection institution

attach document	A document proving the fact of application

Application confirmation number:

In accordance with Article 5 of ÿDesignation of household chemical products subject to safety verification and safety and labeling standardsÿ, household chemicals subject to safety verification

We issue a confirmation of change of child protection packaging of the product.

year month Work

Head of test and inspection agency seal

210mm×297mm [White paper (80g/m2) or heavy paper (80g/m2)]

Application for use of preservation substances in filter-type preservation treatment products

submitter	Trade name (name)		Company Registration Number	
	Name (representative)		contact person's name and Contact (E-mail:	)
	Location (place of business)	(Phone Number:) (Fax Number:)		
product Information	product name		purpose	
	Manufacturer name		manufacturer's location	
	country of manufacture (For imported products right)		Importer name (In the case of imported products)	
matter Information	substance name	CAS number	Usage (mg/kg)	ÿ Emission amount (mg)

Filter-type storage according to Annex 2 of ÿDesignation of household chemical products subject to safety verification and safety/labelling standardsÿ

We apply as above for use as a usable preservation material in our products, and

If there is any falsehood, we confirm that the applicant company will take all responsibility for it.

year month Work

representative : (Signature or Seal)

210mm×297mm [White paper (80g/m2) or heavy paper (80g/m2)]

(behind)

ÿ Attachment document	1. Copy of business registration certificate 2. Product manual (use of product, method of use, working principle, product photo, etc.) 3. Exposure scenario (user, exposure target, exposure frequency, replacement cycle, etc.) 4. Physical and chemical property data (state of substance, solubility in water, melting/freezing point, boiling point, vapor pressure, octanol/water partition coefficient, etc.) 5. Hazardous test data (toxicity information such as chronic or subchronic inhalation toxicity data) 6. Emission amount test result report 2018-71)” 7. Other data necessary to prove safety

How to write

ÿ Emission amount: Results of implementation in accordance with ÿRegulations on testing and inspection of household chemical products subject to safety verification (National Institute of Environmental Sciences Notice No. 2018-71)ÿ

ÿ Attached documents

- In cases where exposure to people and the environment is limited to a specific route in consideration of the product's intended use and environment, some data may not be submitted.
there is.
- For test data on physical and chemical properties and hazards, refer to ÿRegulations on Testing Methods for Chemical Substances (National Institute of Environmental Science Announcement)ÿ
must go

210mm×297mm [White paper (80g/m2) or heavy paper (80g/m2)]

ÿ Designation of household chemical products subject to safety verification and notification of safety and labeling standards [Annex No. 10 Form]

Product effectiveness and efficacy confirmation

Applicant	Trade Name (Name)		Company Registration Number	
	Name (representative)		contact person's name and Contact	(E-mail: (Phone)
	location (workplace)			number: (Fax number:))
safety standards Confirmation of conformity Application product information	product name		subject	
	formulation		purpose	
	Information on biocidal substances in products	substance name / CAS number / Mixing ratio (%) Use in product		
	The effect and efficacy of the product applied for confirmation of conformity with safety standards is the same as the effect and efficacy information below. Confirmed that substances other than biocidal substances do not impair the effectiveness of the product [ ]			
Product Efficacy and Efficacy Information	product name (Sample name)		subject	
	Formulation		purpose	
	Information on biocidal substances in products	substance name / CAS number / Mixing ratio (%) Use in product		
	Efficacy and Efficacy Proof	[ ]Report (Certificate) [ ]Test Result Report [ ]Other Issue Number _____		
		when applicable	testing laboratory	
		test date	Test Methods (Example) ASTM E 2149	
		result (Test species/ result)	(Example) Escherichia coli ATCC 8739 99.9% sterilization, Escherichia coli 99.9% sterilization, Escherichia coli ATCC 8739 99.9% sterilization, 99.9% sterilization of Escherichia coli	

Subject to safety confirmation in accordance with Article 5 of the ÿEnforcement Regulations of the Act on the Safety Management of Household Chemicals and Biocidesÿ

In order to inform the effect and efficacy of biocidal substances in household chemical products, it is submitted after confirming the above.

If anything other than the above is confirmed, the applicant assumes all responsibility for it, and any legal

I promise not to object to the action.

year month day

Applicant : (Signature or Seal)

Dear Korea Environmental Industry and Technology Institute ,

attach document	1. A copy of the business registration certificate 2. Product manual 1 copy 3. One copy of documents that can prove the effectiveness and efficacy of the product (certificate, report, test result report, etc.)

210mm×297mm [White paper (80g/m2) or heavy paper (80g/m2)]

ÿ Designation of household chemical products subject to safety verification and notification of safety and labeling standards [Annex No. 11 Form]

Application for change in effect and efficacy of the product

Applicant	Trade Name (Name)		Company Registration Number	
	Name (representative)		contact person's name and Contact	(E-mail: (Phone)
	location (workplace)			number: (Fax number:))
safety standards Confirmation of conformity product information	Report number			
	product name		subject	
	formulation		purpose	
	Information on biocidal substances in products	substance name / CAS number / Mixing ratio (%) Use in product		
	The effect and efficacy of the product applied for confirmation of conformity with safety standards is the same as the effect and efficacy information below. Confirmed that substances other than biocidal substances do not impair the effectiveness of the product [ ]			
Product Efficacy and Efficacy Information	product name (Sample name)		subject	
	Formulation		purpose	
	Information on biocidal substances in products	substance name / CAS number / Mixing ratio (%) Use in product		
	Efficacy and Efficacy Proof	[ ]Report (Certificate) [ ]Test Result Report [ ]Others		
		Issue number when applicable	testing laboratory	
		test date	Test Methods (Example) ASTM E 2149	
		result (Test species/ result)	(Example) Escherichia coli ATCC 8739 99.9% sterilization, Escherichia coli 99.9% sterilization, Escherichia coli ATCC 8739 99.9% sterilization, 99.9% sterilization of Escherichia coli	
Change request content	(Use a separate sheet if necessary)			

Subject to safety confirmation in accordance with Article 5 of the ÿEnforcement Regulations of the Act on the Safety Management of Household Chemicals and Biocidesÿ

In order to change the information to inform the effect and efficacy of biocidal substances in household chemical products as above,

If any other matters than the above are confirmed, the applicant is responsible for all

We promise not to challenge any legal action.

year Work

Applicant : Month (Signature or Seal)

Dear Korea Environmental Industry and Technology Institute ,

attach document	A document proving the fact of application

210mm×297mm [White paper (80g/m2) or heavy paper (80g/m2)]