

GHS Classification System
Operating Manual

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GHS Classification System Operating Manual

1. Introduction

Thank you for using the GHS Mixture Classification System (hereinafter called “the system”).

The purpose of the system is to help business operator manage a product(mixture) or substance and classify it according to GHS. The system provides the following functions : registering and classifying a substance or product (compound), outputting label information. This operating manual describes how to configure and use the system.

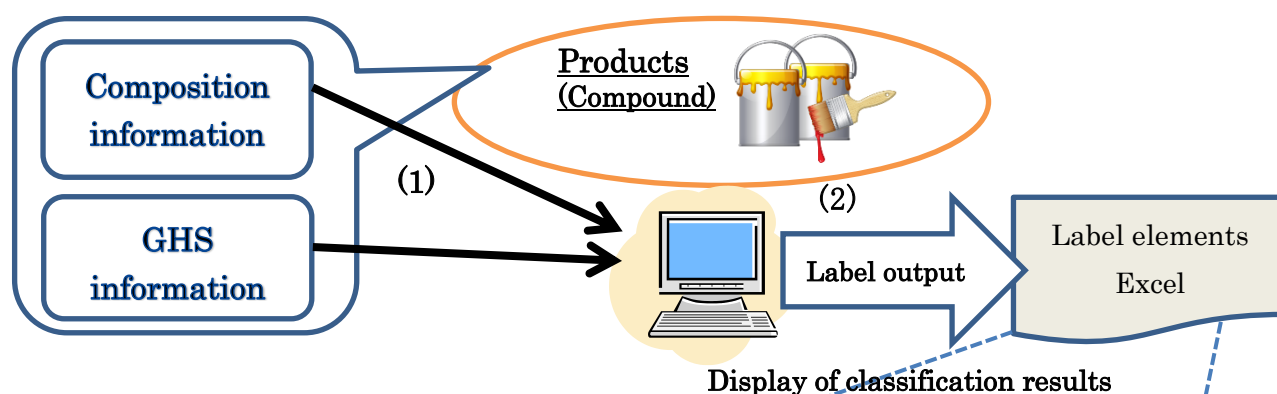
In this manual, chemical substance and product is defined as follows,

Chemical substance : chemical elements and their compounds which are included in a target product.
Another name is Substance.

Product(Compound) : Mixture or solution composed of two or more substances in which they do not react.
This system classifies Product(Compound). Another name is Mixture.

1.1.Overview of Compounds Classification with This System

1. Enter information(or select an item of pull down lists) which is necessary for GHS classification, of a target substance or product.
2. The system classifies it and displays the classification, and outputs elements of label as Excel file.



確認製品01, XXXXX株式会社, 2013/10/01, 1/1

確認製品01	
成分:	ホルムアルデヒド(100%)
危険	
飲み込むと有害 皮膚に接触すると有害 皮膚刺激 強い眼刺激 吸入するとアレルギー、ぜん(癆)息又は呼吸困難を起こすおそれ アレルギー性皮膚反応を引き起こすおそれ 遺伝性疾患のおそれの疑い 発がんのおそれ 呼吸器、神経系の障害 系統又は器官(臓)による呼吸器、中枢神経系の障害 水生生物に有害 【安全対策】 使用前に取扱説明書を入力すること	
汚染された衣類を再使用前に洗 気分が悪い時は、医師に連絡するこ 目に入った場合、水で数分間注意深く洗うこと。次に、コンタクトレンズを専用してて容易に外せる場合は 外すこと。その他も洗浄を続けること。 皮膚に付着した場合、汚染された衣類を脱ぐこと。 皮膚に付着した場合、皮膚刺激が生じた場合、医師の診断、手当てを求めること。 目に入った場合、眼の刺激が持続する場合は医師の診断、手当てを受けること。 飲み込んだ後、手を洗うこと。 吸入した場合、呼吸が困難な場合には、新鮮な空気のある場所に移し、呼吸しやすい姿勢で休息させること。 呼吸に関する症状が出た場合には、医師に連絡すること。	
【保管】 適切に保管すること。	
【廃棄】 内容物、容器を都道府県知事の許可を受けた専門の廃棄物処理業者に業務委託すること。	
【国連番号】	1902
【輸送番号】	159
XXXXX株式会社 XX県XX市XX町1-1-1 Tel:044-221-1330 Fax:044-221-1334	

Simulated output

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1.2. Overview of function

The main functions of the system are as follows.

- Classifying automatically according to GHS, and generating elements of label

The system automatically classifies a target substance or product based on information of it (shape, flash point, composition included, etc), and outputs the elements of label. Select a version of GHS from "UN" and "JIS", "UN" is GHS (Rev.6) and "JIS" is "Classification of Chemicals Based on GHS" (JIS Z 7252). If you are required to make SDS in accordance with national law, select the JIS as much as possible.

- Managing a product information

You can save the information which is natures and compositions of the product.

Calling up the registered information, you can modify it, and copy it and paste it in another field.

- Managing a substance information

The system has GHS classification data which are approximately 3000 substances that have been published by "National Institute of Technology and Evaluation" (NITE) from year 2006 to 2017. If you need to register other substances, you can register them by yourself and can use them as composition of the target product.

* The system assigned our original name to some of substances acquired from NITE, and we add it the mark("*") in front of the name.

- Product information, material information, import and export

The system can export and import a substance or product information by the specified format (TSV).

In addition, you can use the following unique features.

- ✓ Managing multiple sources of a substance

For one substance, the system can manage plural information of GHS classification (called "source" in the system).

You can set a priority of a source, and can use an inferior source only when there is not any information of a superior source.

With these functions, the system can get information of GHS classification from plural sources.

For details of this function, see "Additional information 1 : plural source management".

- ✓ Wrapping two or more names of a specific organ

The system can wrap two or more names of a specific organ in STOT classification by original rule, and output simplified elements of label. For details of this function, see "Additional information 2 : Wrapping two or more names of a specific organ"

- ✓ Narrowing down precautionary statement

The system can narrow down precautionary statements to four levels by original rule, and output simplified elements of label. For details of the function, see "Additional information 3 : Narrowing down precautionary statements"

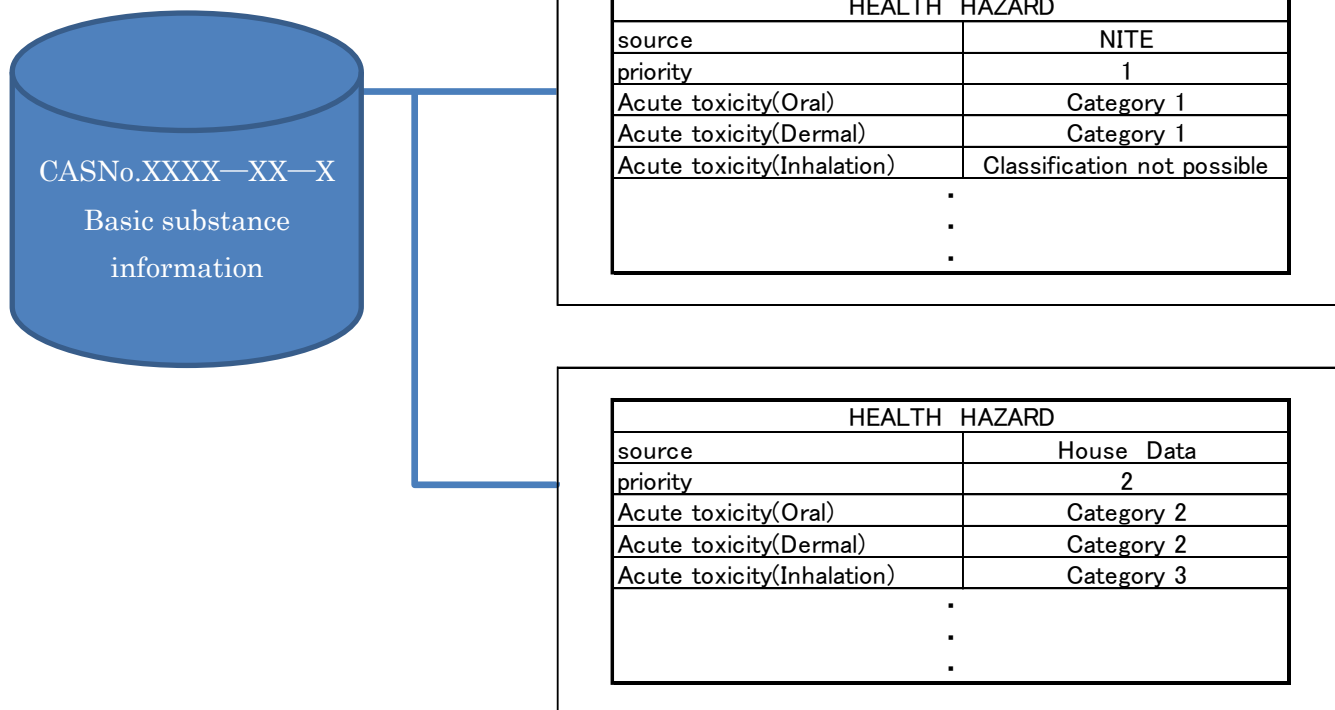
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Additional information1 plural source management

The GHS classification of the substance may be provided from plural sources.

This system can manage the plural GHS classification for one substance in consideration of it.

This system calls each source of information "the source" by this system, and can set priority of referring to "the source".



When priority is set, if hazard class is "no data" or "Classification not possible" of higher source, the system can supplement the insufficient data by lower sources.

The following case, a part painted over into yellow is used for the GHS classification of the product.

HEALTH HAZARD		
source	NITE	House Data
priority	1	2
Acute toxicity(Oral)	Category 1	Category 2
Acute toxicity(Dermal)	Category 1	Category 2
Acute toxicity(Inhalation)	Classification not possible	Category 3
	·	
	·	
	·	

Add and deleted source name, set priority, ON / OFF of this function, See "5.4.2. GHS Classification Source Information".

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Appendix 2. Combining organ names

This system can systematically integrate an organ name displayed as a classification result of the specific target organ toxicity with according to an original standard.

example)

(Before integration)

Specific target organ toxicity - single exposure

Category 1 (respiratory, upper respiratory tract, nervous system, central nervous system, brain)

↓

(After consolidation)

Specific target organ toxicity - single exposure

Category 1 (respiratory system, nervous system)

Regarding ON / OFF of this function, see "5.4.3. Combining organ names for Specific Target Organ Toxicity".

For details of the function, see "Additional information3 Precautionary statement narrowing down"

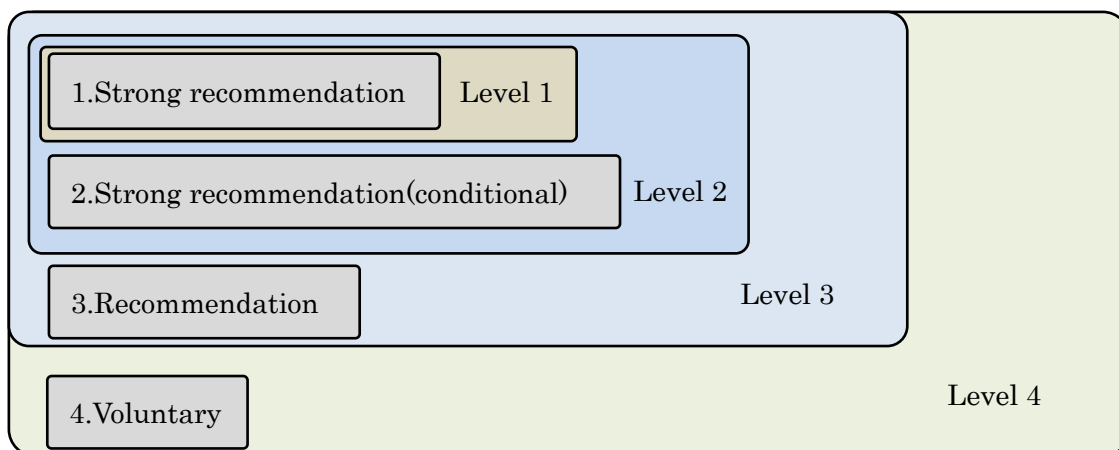
For details, see the attached sheet "About the combining organ names".

Supplement 3. Note Filter function

Precautionary statements are refined into the following 4 levels based on “7. Guidance on the Selection of Precautionary statements for the CLP Hazard Label” in “Guidance on Labelling and Packaging in Accordance with Regulation (EC) No. 1272/2008,” taking into consideration the revised 4th edition of the GHS.

The four refinement levels are as follows, with smaller numbers indicating a higher level of precedence when included on labelling:

1. Strong recommendation (for industrial/professional users)
2. Strong recommendation (in consideration of applications other than [1] above)
3. Recommendation
4. Voluntary



The information, see "5.4.4, set of notes Refine level" for setting the specified value of the notes Refine please.

See "About Browse Exhibit notes" for more information about the content selection.

For setting of this function, see "Default Precaution Refinement Level".

For details, see the attached sheet “About the Precautionary statement narrowing down”.

2. Launching the System

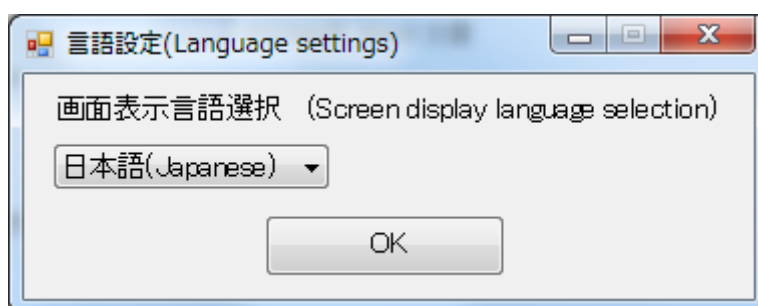
Click the system icon created during the installation process to launch the application.



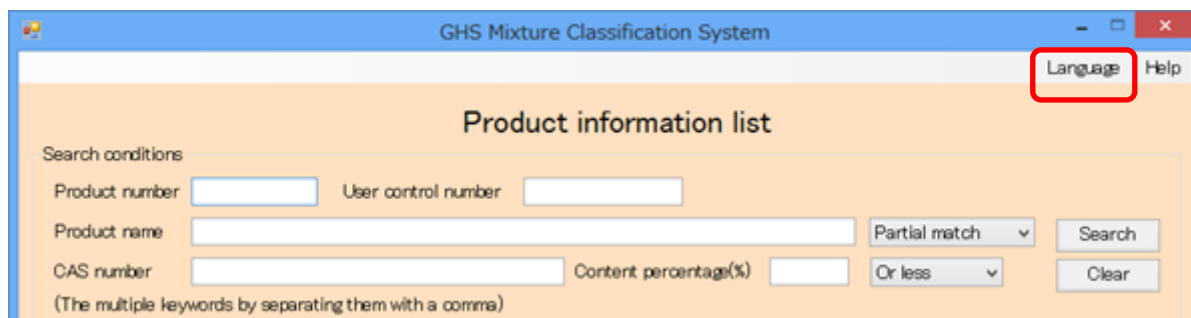
2.1 Selecting the Language

When the application is launched for the first time, a dialog box asking you to select the language to use with the system will be displayed.

If you wish to change the language setting later, you can do so from the “Change Language” menu on the system screen.



Language Settings Screen Displayed at System Launch



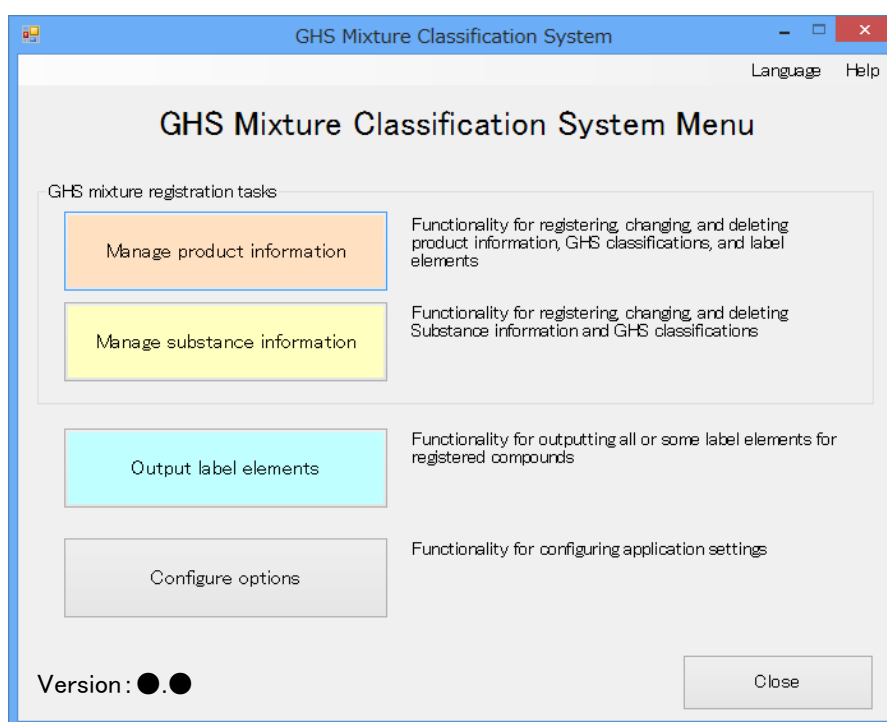
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2.2. Reviewing Disclaimers

When the application is launched, a dialog box containing disclaimers applicable to use of the system will be displayed. Click the “Agree” button to proceed to the system menu. Clicking the “Do Not Agree” button will exit the system.

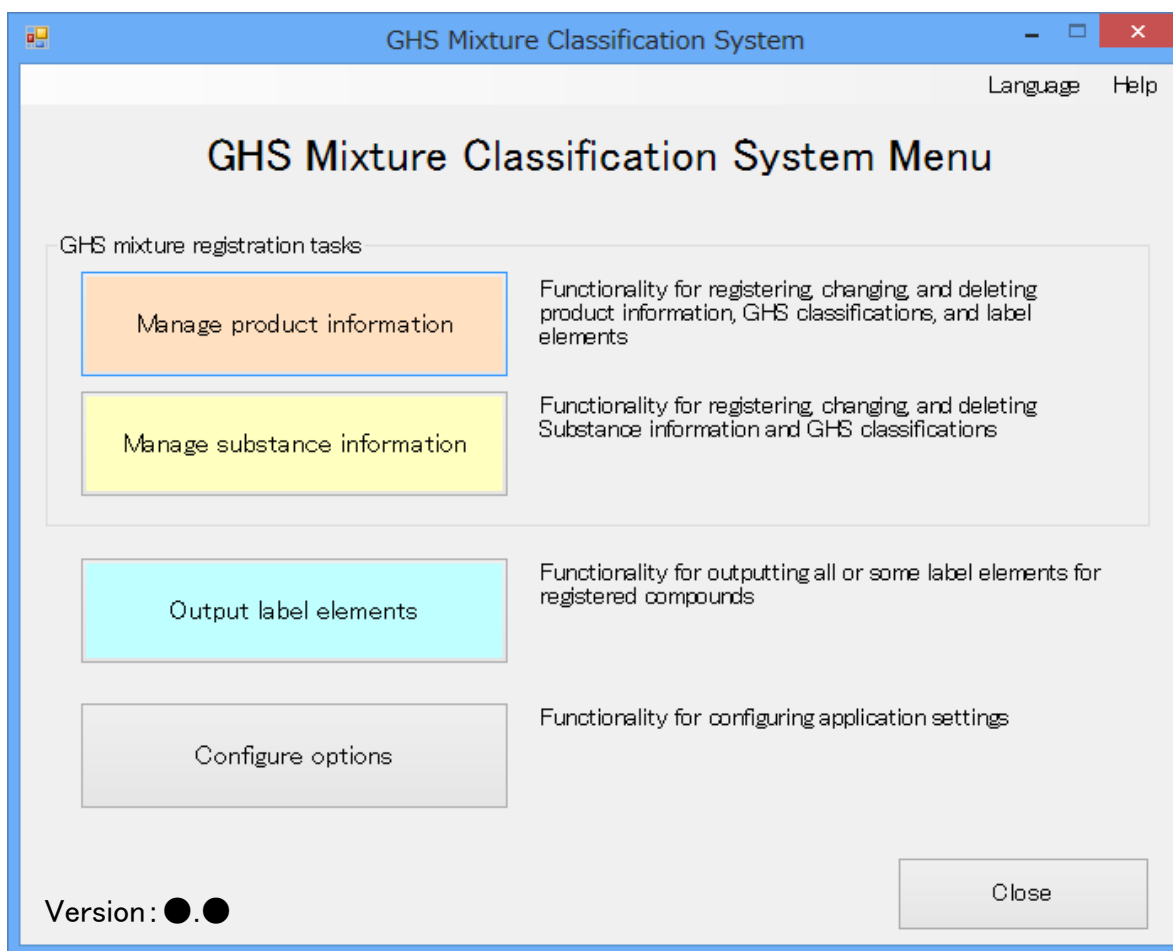


Once you agree to the disclaimers, the system menu will be displayed.



3. System Menu

This section describes the system menu.



The screen displays a menu of system functions as well as an overview the functionality that each provides. For more information about how to use each menu item, see subsequent chapters in this manual.

To exit the system, click the “Close” button.

Information on the version of the system is displayed in the lower left of the menu of the system. (Version 3.0 or later)

4. Overview of Compound Classification and Label Element Output Process with This System

This section provides an overview of the system's approach to the GHS classification and label element output process.



1. Initial setting (See page 73)

In optional setting window, enter the following data for using this system,

Company information : company name, address, phone number etc. which outputs as elements of label

For GHS classification : priority of reasons(authority) cited in GHS classification, whether or not to use the functionality of integrating organ's name which is original of this system

For functionality of narrowing down cautionary statements : whether or not to use the functionality which is original of this system, and select level : initially setting level4

2. Registration of product (See page 11)

Register information of a target product in window of 'Manage substance information'.

This system classifies the target product in accordance with GHS, and saves the elements which are required in label at the same time.

3. Registration of chemical substance (See page 44)

If one or more chemical substances included in products are not registered, enter information of the chemical substances in window of 'Manage substance information'.

4. Output of label (See page 69)

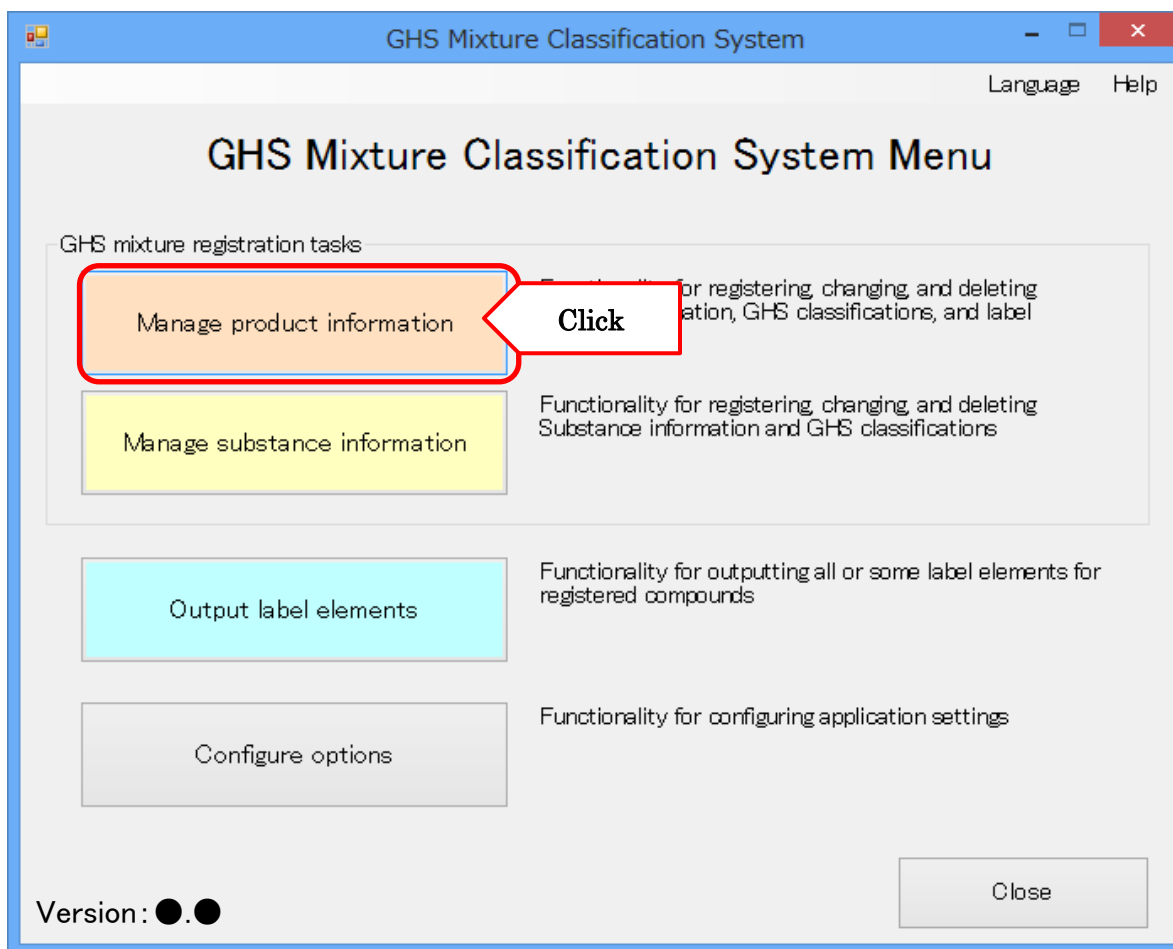
If you push the button of "Output label elements", this system outputs label elements which are summary of the GHS classification, with EXCEL file or TSV file.

5. Description of System Functionality

Descriptions of the elements on each window can be found on the “Help” menu.

5.1 Managing Product Information

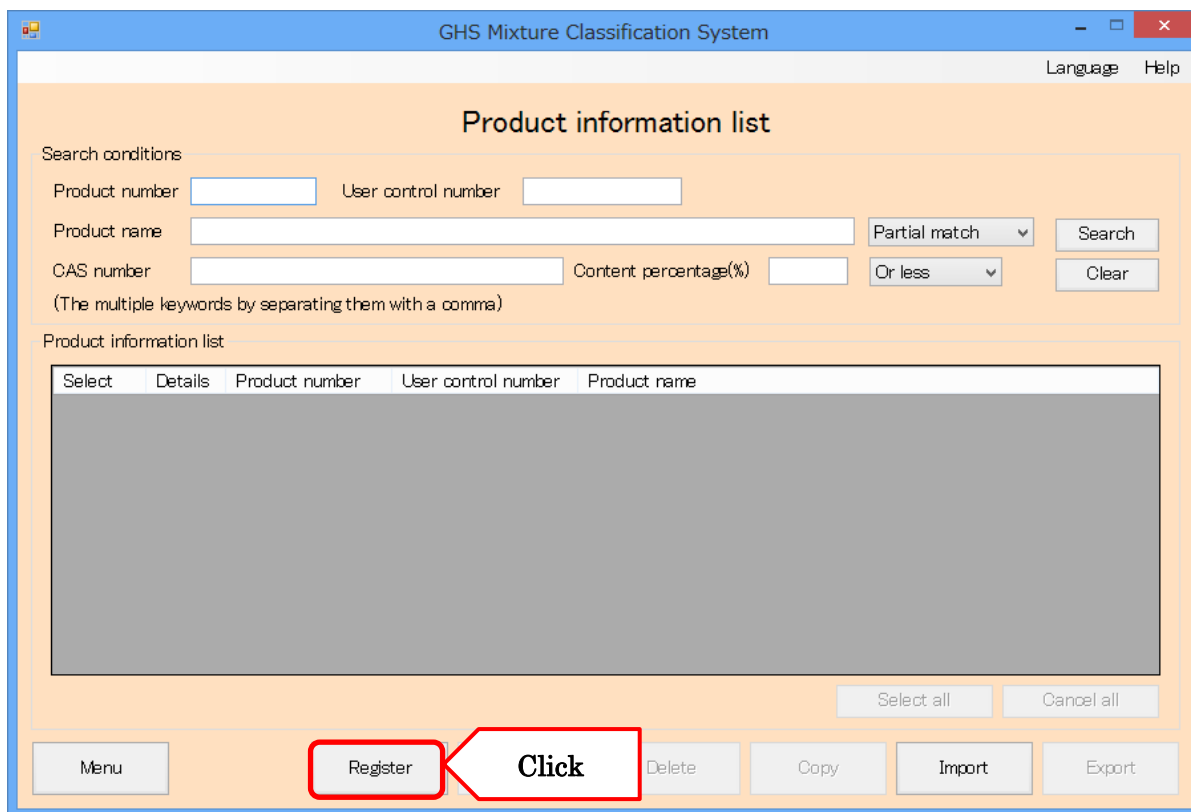
The “Manage Product Information” button provides access to functionality for registering, changing, and deleting product information, GHS classification results, and label elements. Click the “Manage Product Information” button on the menu to use this functionality.



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5.1.1. Registering Product Information

1) To register a new product, click the “Register” button.



■ supplemental information 1: Of registration of water

This system does not register water in initial settings. If a target product includes water, register water as substance and necessarily classify it “Not classified” because water is classified to “Not classified” in all classification of Health and Environment hazard. Note that if you do not classify water to “Not classified” (you do not set “Not classified”), then the system cannot judge correctly and classifies water “Classification not possible” because of no data. Relating to registration of substance, see page 45.

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2) Enter the product information.(User control number,Product name(required), UN number,Physical state,Flash point,Initial boiling point,Kinematic viscosity)

*** Classification of physical hazards will be required to enter in manually.**

Of entering data, see page 21 and from then on.

The system will automatically generate a number and enter into the “Product number”.

If you know the UN number for the product being registered, click the “Search” button.

The screenshot shows the 'Basic product information' form in the GHS Mixture Classification System. The form contains the following fields and controls:

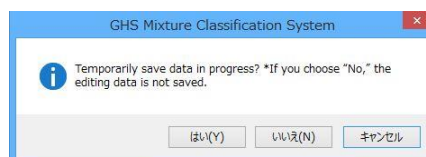
- Product number: 0000000002 (The system generates a number automatically.)
- User control number: [Empty text box]
- Product name: [Empty text box]
- UN number: [Empty text box]
- Physical state: Gas (dropdown menu)
- Flash point: [Empty text box] °C
- Initial boiling point: [Empty text box] °C
- Kinematic viscosity: [Empty text box] mm²/s
- Remarks: [Empty text area]

A red box highlights the 'Search' button, with an arrow pointing to it and the word 'Click' written next to it. At the bottom of the form, there are three buttons: 'Product information list', 'GHS classification', and 'Product composition information'.

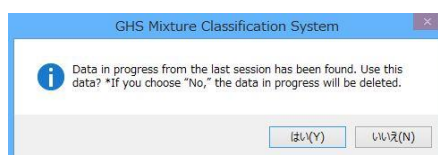
■Note: During product registration information, if you want temporary end by "Product information button", X button of the screen top right corner and the others.

It is possible to temporarily save your entries to it.

If you want temporarily save your entries , you press "yes(Y)" button by the following message displayed at the end.



If you want to use the temporarily saved data again, you press "yes(Y)" button by the following message displayed at the start of the registration process.



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- 3) Enter the UN number corresponding to the product (required if searching) in the “UN number” field and click the “Search” button. If you do not wish to search for a product, click the “Basic Product Information” button.

Enter the UN number

Search by UN number

Search conditions

UN number Search **Click**

Search results

Proper Shipping Name	UN classification	Secondary hazard	Packing group	Guideline number
----------------------	-------------------	------------------	---------------	------------------

Accept Cancel

■ supplemental information 2: Of UN(United Nations) number

This number is added to a substance and product which has danger in transporting. If United Nations judges the product or substance as danger, this number is added to it. If a target product has UN number, necessarily enter it.

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- 4) Select the checkbox next to the corresponding product name in the search results and click the “Accept” button to enter it as product information.

Search conditions

UN number: 1263 Search Clear

Search results

Product name	UN classification	Secondary hazard	Packing group	Guideline number
<input type="checkbox"/> PAINT	3		I	128
<input type="checkbox"/> PAINT RELATED MATERIAL	3		I	128
<input type="checkbox"/> PAINT	3		II	128
<input type="checkbox"/> PAINT RELATED MATERIAL	3		II	128
<input type="checkbox"/> PAINT	3		III	128
<input type="checkbox"/> PAINT RELATED MATERIAL	3		III	128

Accept Cancel

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5) Once you have checked all of entered information, click the “Product Composition Information” button.

The screenshot displays the 'GHS Mixture Classification System' window. The main content area is titled 'Basic product information' and contains the following fields and controls:

- Product number:** 00000000002 (The system generates a number automatically.)
- User control number:** [Empty text box]
- Product name:** samplePaint
- UN number:** 1263 [Search button]
- Physical state:** Liquid [Dropdown menu]
- Flash point:** 12.0 °C
- Initial boiling point:** 40.0 °C
- Kinematic viscosity:** 20.5 mm²/s
- Remarks:** [Large empty text area]

At the bottom of the window, there are three buttons: 'Product information list', 'GHS cla...', and 'Product composition information'. A red box highlights the 'Product composition information' button, with a red arrow pointing to it from the word 'Click'.

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6) Search for previously registered chemical substance information and enter it as product composition information.

Search for chemical substances to add as constituent substances by entering information in the "CAS number" and "Chemical substance name" fields under "Search conditions" (1) and clicking the "Search" button (2).

Product composition information

Product number: 00000000002

Product name: sample Paint

Search conditions

CAS number: 141-78-6 (The multiple keywords by separating them with a comma)

Substance name: (1) Enter Search conditions

Source: [Dropdown]

Search: [Button] Clear: [Button]

Substance information list

Select	Substance number	CAS number	Substance name	Source
<input type="checkbox"/>	00000002071	141-78-6	Ethyl acetate	NITE

Add: [Button]

Composition list

100% Conversion [Button] Initialize conversion [Button]

	Substance number	CAS number	Substance name	Source	Content	Conversion rate
Delete	00000002084	13463-67-7	Titanium dioxide	NITE	50	
Delete	00000002765	108-88-3	Toluene	NITE	50	

Add substance: [Button]

Total: 100 % 0 %

Basic product information [Button] GHS classification [Button]

(2) Click [Button]

■ Note 1: With no built-in public data chemical substances:

If the chemical information is not registered, please click the "Add Substance" button and continue registering the chemical information following the section "Registering Chemical Substance Information" on page 44.

■ Note 2: Classifying aqueous solutions:

"Water" is not registered beforehand, so please register it following the section "Registering Chemical Substance Information" on page 44 as stated in Note 1. Also, please select "Not classified" in every category.

* If the classification result field is left empty, classification will not be possible as there will be no data

■ Note 3: When containing harmful impurities, classify them with consideration..

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7) Select the checkbox (1) of each chemical substance shown in the search results that you wish to add as a constituent substance for the product and click the “Add” button (2) to do so. Next, enter the content percentage (3) for the added chemical substance.

The screenshot displays the 'GHS Mixture Classification System' window. The main section is titled 'Product composition information'. It includes input fields for 'Product number' (00000000002), 'Product name' (sample Paint), 'CAS number' (141-78-6), and 'Substance name'. A 'Search' button is present. Below this is a table for 'Substance list' with columns: Select, Substance number, CAS number, Substance name, and Source. The first row shows a checkbox (1) next to substance 00000002071 (Ethyl acetate, NITE). An 'Add' button (2) is below the table. A '100% Conversion' button (7) is also visible. Below the 'Add' button is the 'Composition list' section, which has a 'Delete' button (5) and a table with columns: Delete, Substance number, CAS number, Substance name, Source, Content, and Conversion rate. The table shows two entries with content percentages of 50. A '3) Enter the content percentage' callout points to the 'Content' column. Below the table is a 'Total content percentage' field (4) showing 100%. At the bottom, there is an 'Add substance' button, a 'Basic product information' button, and a 'GHS classification' button (6).

Select	Substance number	CAS number	Substance name	Source
<input type="checkbox"/>	00000002071	141-78-6	Ethyl acetate	NITE

Delete	Substance number	CAS number	Substance name	Source	Content	Conversion rate
<input type="button" value="Delete"/>	00000002094	13463-67-7			50	
<input type="button" value="Delete"/>	00000002765	108-88-3			50	

To add a substance to the composition, repeat the above process, from searching to content percentage entry.

Note: The total content percentage will be displayed in the “Total content percentage” field (4). If you find that you have added a substance to the product composition in error, click the “Delete” button (5) to delete it. Once you are finished adding substances to the product composition, click the “GHS Classification” button (6).

The system allows entry of content percentages within the range of 0% to 200%, but if the total content percentage is not 100%, clicking the “GHS Classification” button (6) will trigger an error. (*1)

If this occurs, do one of the following:

- Click the “Convert to 100%” button(7) to convert the entered content percentage to 100%.
- Select “Unidentified substance” from the substance search and enter the percentage that is lacking to bring the total to 100%.

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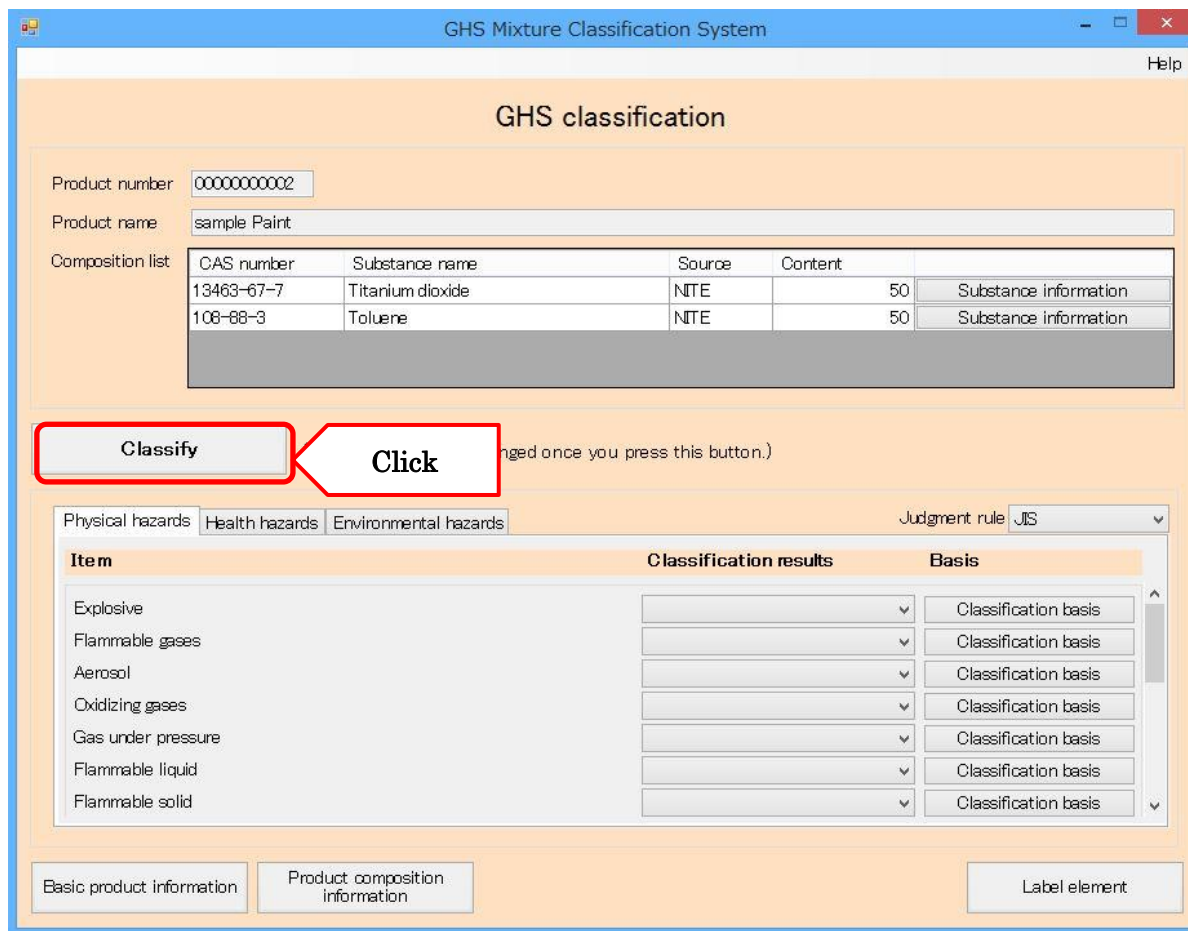
Note: As an example of how the “Convert to 100%” button works, if the total of various ingredients is 80%, conversion processing would multiply the content percentage of each by 1.25% to bring the resulting total to 100%.

Since the GHS classification results will be affected, when the total is not 100%, the user is responsible for choosing how to deal with that situation.

(* 1) There are cases where the total content is not 100% when performing the conversion. Only this case, it is not classification error.

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8) Clicking the “Classify Substance” button from the product composition window will display the classification results.



For more information about how to GHS Classification, see “Supplementary document for the classification method for GHS classification system.”

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- 9) You can check the classification result category and classification basis as determined by the system. You can also edit results. To check the classification basis for each category assigned by the system, click the corresponding “Classification Basis” button.

CAS number	Substance name	Source	Content	
13463-67-7	Titanium dioxide	NITE	50	Substance information
108-88-3	Toluene	NITE	50	Substance information

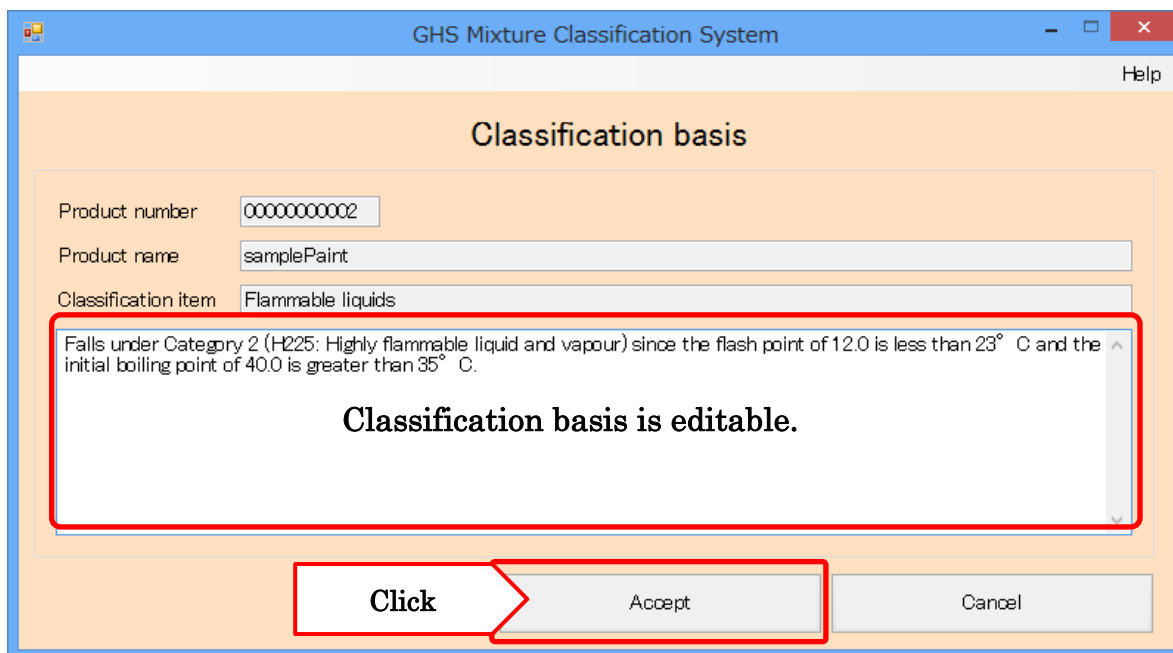
Item	Classification results	Basis
Explosive		Classification basis
Flammable gases		Classification basis
Aerosol		Classification basis
Oxidizing gases		Classification basis
Gas under pressure		Classification basis
Flammable liquid		Classification basis
Flammable solid		Classification basis

Note: The system uses the following data to classify physiochemical hazards:

- Items classified based on basic product information
 - [Classified based on the flash point]
Flammable liquids
 - [Classified based on the UN number]
Explosives, Flammable gases (including chemically unstable gas), Aerosol, Oxidizing gas, Flammable liquids, Flammable solids, Self-reactive substance and mixture, Pyrophoric liquids, Pyrophoric solids, Self-heating substance and mixtures, Substances and mixtures which, in contact with water, emit flammable gases, Oxidizing liquids, Oxidizing solids, Organic peroxides
- Items classified based on basic information about constituent substances
 - Flammable gases (including chemically unstable gas), Oxidizing gases
- Items that cannot be classified even if both basic product information and basic information about constituent substances are available
 - Gas under pressure, Corrosive to metals

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- 10) The basis for the classification will be displayed. The displayed information can be changed directly. Once changed, click the “Accept” button to apply your changes to the classification results.



The screenshot shows a window titled "GHS Mixture Classification System" with a "Help" button in the top right corner. The main content area is titled "Classification basis" and contains the following fields:

- Product number: 00000000002
- Product name: samplePaint
- Classification item: Flammable liquids

Below these fields is a text area containing the classification basis: "Falls under Category 2 (H225: Highly flammable liquid and vapour) since the flash point of 12.0 is less than 23° C and the initial boiling point of 40.0 is greater than 35° C." This text area is highlighted with a red border. Below the text area, the text "Classification basis is editable." is displayed. At the bottom of the window, there are three buttons: "Click" (with a red arrow pointing to the "Accept" button), "Accept", and "Cancel".

*Supplemental information

Classification basis information can only be checked on this window. It cannot be output to label elements.

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(11) You can check and change the organ and exposure route information for the classification results for “specific target organ toxicity [single exposure]” (or “specific target organ toxicity [repeated exposure]”) by clicking the “Specific Target Organ Toxicity (Single Exposure)” button (or the “Specific Target Organ Toxicity (Repeated Exposure)” button).

The screenshot displays the 'GHS Mixture Classification System' window. At the top, it shows 'GHS classification' with input fields for 'Product number' (0000000002) and 'Product name' (samplePaint). Below this is a 'Composition list' table:

CAS number	Substance name	Source	Content conversion rate(%)	
13463-67-7	Titanium dioxide	NTE	50	Substance information
108-68-3	Toluene	NTE	50	Substance information

A 'Classify' button is present with the note '(Information can be changed once you press this button.)'. Below the classification options, there are tabs for 'Physical hazards', 'Health hazards', and 'Environmental hazards', with 'Health hazards' selected. A 'Judgment rule' dropdown is set to 'JIS'. The main results table is as follows:

Item	Classification results	Basis
Germ cell mutagenicity	Not classified	Classification basis
Carcinogenicity	Category 2	Classification basis
Reproductive toxicity	Category 1A	Classification basis
Reproductive toxicity/effect on or via lactation	Additional category for effec	Classification basis
Specific target organ toxicity (single exposure)	gpry	Classification basis
Specific target organ toxicity (repeated exposure)	gpry	Classification basis
Aspiration hazard	Category 1	Classification basis

A red box highlights the 'Specific target organ toxicity (single exposure)' row, and a red arrow labeled 'Click' points to it. At the bottom, there are buttons for 'Basic product information', 'Product composition information', and 'Label element'.

GHS Classification System Operating Manual

12) You can check and change the category, organ, and exposure route.

To add an organ, click the “Add” button (1).

To delete an organ, click the “Delete” button (2) for the organ you wish to delete.

If you want to change [Category],[Organ] and [Exposure route], re-selection from pull-down menu (3).

Clicking the “Accept” button (4) will apply any changes you have made to the classification results.

The screenshot shows the 'GHS Mixture Classification System' window. The title bar includes 'GHS Mixture Classification System' and 'Help'. The main content area is titled 'Specific target organ toxicity (single exposure)'. It contains input fields for 'Product number' (00000000002) and 'Product name' (samplePaint). An 'Add' button is highlighted with a red box and labeled '(1)Click'. Below this is a table with columns: 'Delete', 'Category', 'Organ', and 'Exposure route'. The table contains three rows of data. The first row is highlighted with a red box and labeled '(2) Click to delete the organ if you need .'. The second and third rows are also highlighted with red boxes and labeled '(3)Select the list if you need'. At the bottom of the window, there are 'Accept' and 'Cancel' buttons. The 'Accept' button is highlighted with a red box and labeled '(3) Click'.

Delete	Category	Organ	Exposure route
Delete	Category 3	Respiratory tract ir...	-
Delete	Category 3	Narcotic effects	-
Delete	Cate...	Central nervous sy...	-

GHS Classification System Operating Manual

- 13) Once you have checked all of the GHS classification results, click the “Label Elements” button to check the label elements.

CAS number	Substance name	Source	Content conversion rate(%)	
13463-67-7	Titanium dioxide	NITE	50	Substance information
106-88-3	Toluene	NITE	50	Substance information

Item	Classification results	Basis
Germ cell mutagenicity	Not classified	Classification basis
Carcinogenicity	Category 2	Classification basis
Reproductive toxicity	Category 1 A	Classification basis
Reproductive toxicity/effect on or via lactation	Additional category for effec	Classification basis
Specific target organ toxicity (single exposure)	Yes Category	Classification basis
Specific target organ toxicity (repeated exposure)	Yes Category	Classification basis
Aspiration hazard	Category 1	Classification basis

■Note: When label elements screen does not show

In order to proceed to label elements screen, it is required to fill every GHS classification result (physical, health and environmental) -except reproductive toxicity, effects on or via lactation.

Before clicking label elements button, please click "Classify" button first (see: page 20).

On clicking the button, every field except reproductive toxicity effects on or via lactation will be filled.

In order to keep the manually entered GHS results, please fill every field except reproductive toxicity effects on or via lactation.

GHS Classification System Operating Manual

- 14) Check the content of the label elements that have been generated based on the GHS classification results. "Precautionary statements" to be output to the label can be refined from level 1 to 4 (1). The differences among phrase levels are described below.




Label element

Judgment rule: JIS

Product number: 0000000002

Product name: samplePaint

CAS number	Substance name	Source	Content conversion rate(%)
13463-67-7	Titanium dioxide	NITE	50
108-88-3	Toluene	NITE	50

Symbols:   

Signal words: Danger

Hazard statement and Precautional statements

Precautionary statements refinement: Level 4 (1) Select level

Number of Precautional Statements: 35

Code	Hazard statement
H225	Highly flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H315+H320	Causes skin and eye irritation
H332	Harmful if inhaled

GHS classification Register Cancel

GHS Classification System Operating Manual

(15). Click the “Register” button after you have checked label element content, phrases, and other information to save the GHS classification results and label elements for the created product.




Label element

Judgment rule: JIS

Product number: 00000000002

Product name: samplePaint

CAS number	Substance name	Source	Content conversion rate(%)
13463-67-7	Titanium dioxide	NITE	50
108-88-3	Toluene	NITE	50

Symbols:   

Signal words: Danger

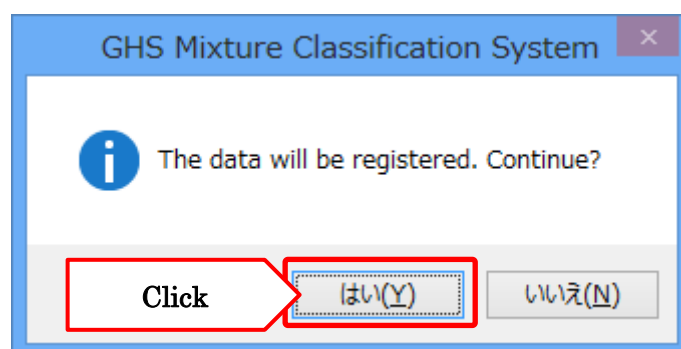
Hazard statement and Precautional statements

Precautional statements refinement: Level 4

Number of Precautional Statements: 35

Code	Hazard statement
H225	Highly flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H315+H320	Causes skin and eye irritation
H332	Harmful if inhaled

Buttons: GHS classification, **Register**, Cancel



The registered label elements can be output as an Excel or text (TSV) file as described in “Outputting Label Elements” below.

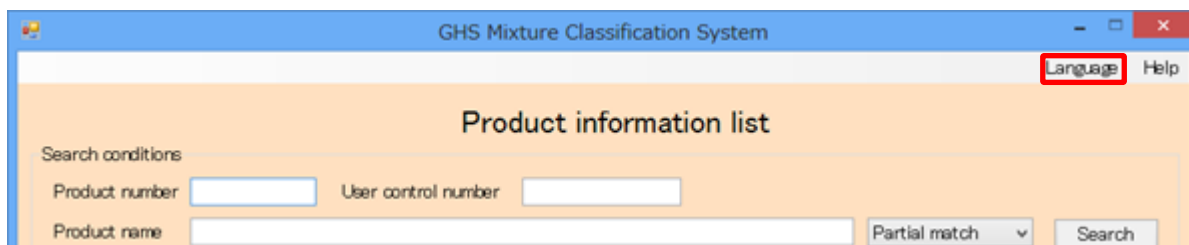
Note: Japanese name is required when exporting a Japanese label if product information is registered in English.

GHS Classification System Operating Manual

For registration Japanese name, please refer to the following procedure.

(Please vice versa when outputting the English label of the product information that you registered in Japanese.)

1. Select the Japanese in the "Language" in the top right corner of the screen product information list, switch to Japanese mode.



2. Enter the product number or user control number which you want to register the English name, and click the Search button(1).
3. Put check (2) to the product which you want to register the English name, and click change button (3).



GHS Classification System Operating Manual

3. Basic product information screen is displayed, and enter the English Product name and register. Thereafter the procedure is done by the same as in "product registration information".

Note: The changes will be preserved by the registration in the label element screen.

(For instructions, refer to P.15.)

GHS混合物分類判定システム

ヘルプ

製品基本情報

製品番号 (登録時、システムの自動採番)

ユーザ管理番号

製品名称

国連番号

物理的状态

引火点 °C 初留点(沸点) °C

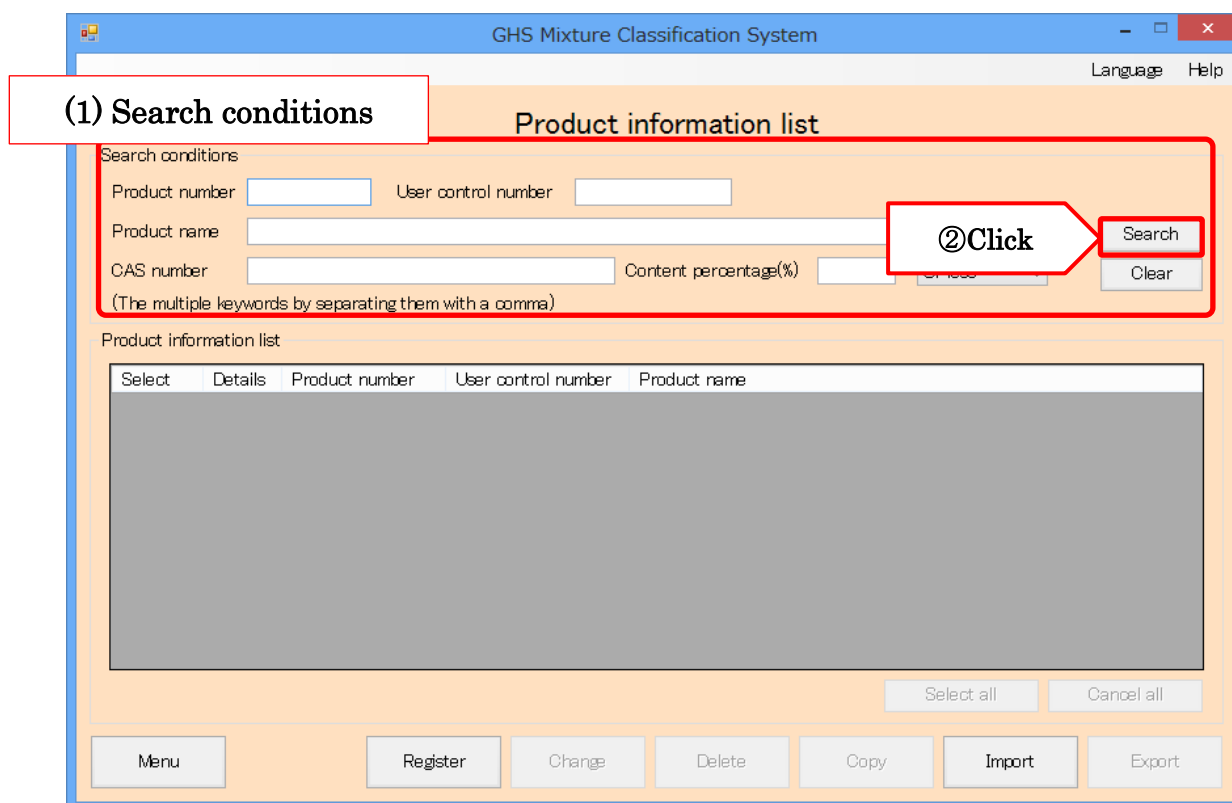
動粘性率 mm²/s

備考

5.1.2. Changing Product Information

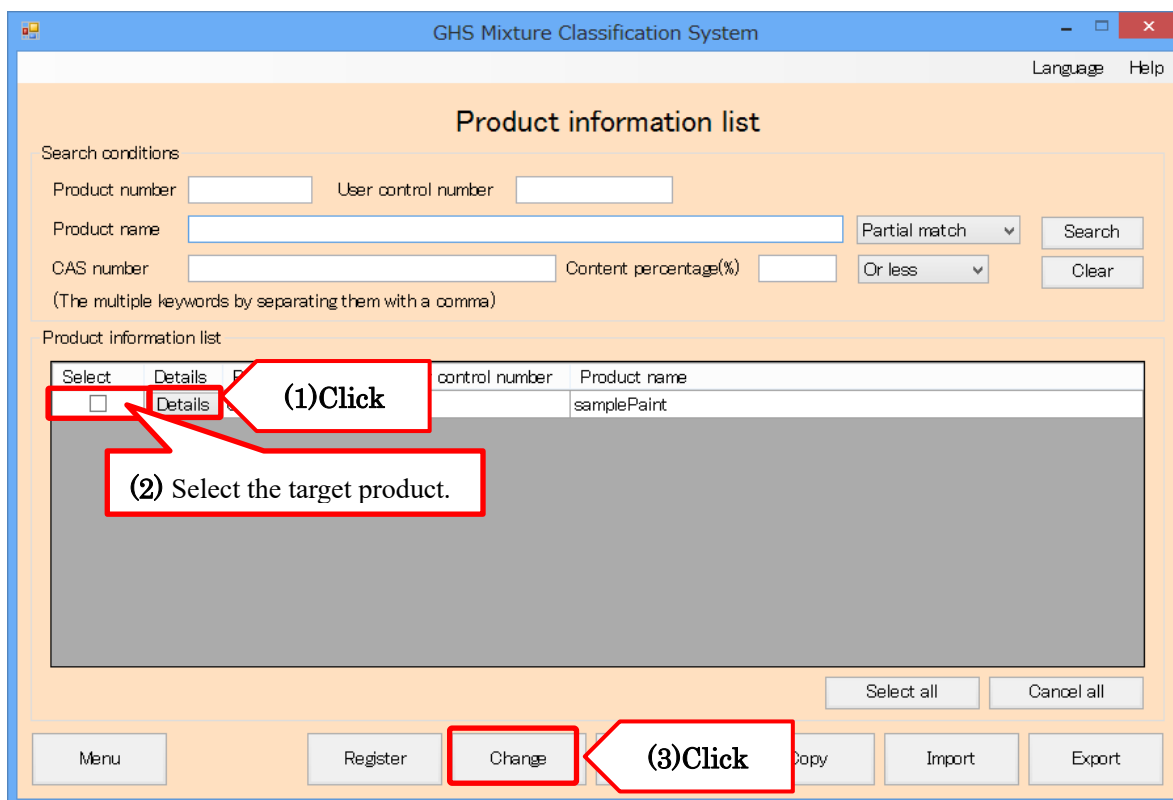
(1) To revise previously registered product information (including label elements), enter the corresponding product information under “Search conditions” (1) and click the “Search” button (2) to display the target product information. You can also search by CAS number and content percentage, which are part of the product composition information.

*If you change the product information of the same product number in the Japanese mode, the product information in the English version will also change.



GHS Classification System Operating Manual

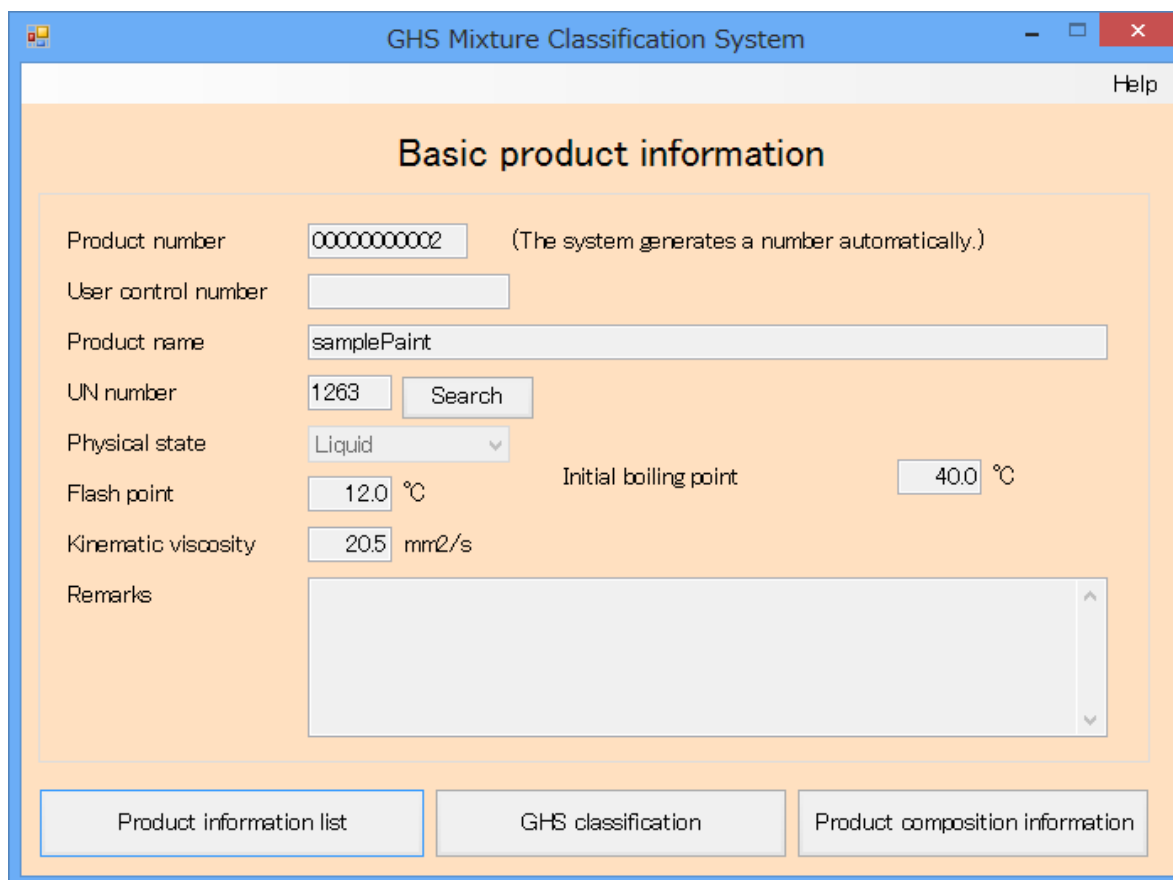
(2) You can check registered content by clicking the “Details” button (1) for each product shown in the search results. Select the “Select” checkbox (2) for the corresponding product and click the “Change” button (3).



GHS Classification System Operating Manual

(3) Product information can be revised using the same procedure as described in “Registering Product Information” above. (For more information about this procedure, see page 9.)

* Edited values will be saved on “Label elements” screen.



The screenshot displays the 'GHS Mixture Classification System' window. The main area is titled 'Basic product information' and contains the following fields and controls:

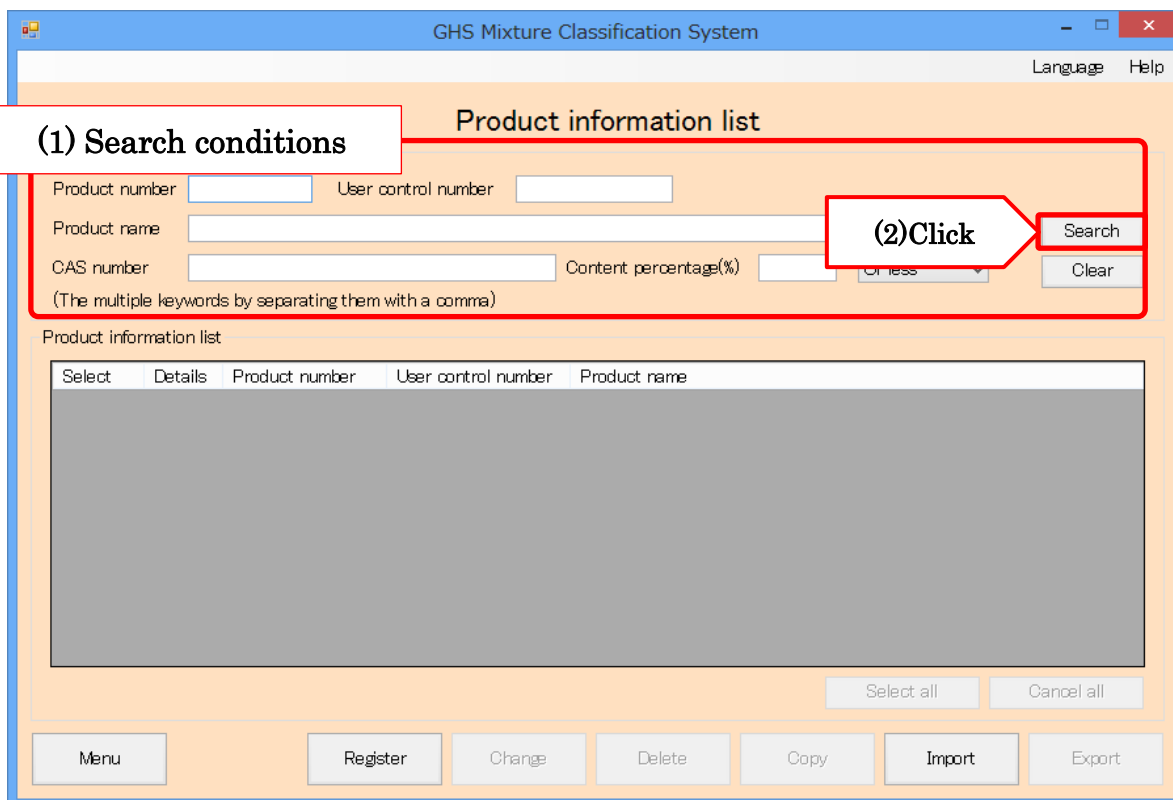
- Product number:** 00000000002 (The system generates a number automatically.)
- User control number:** [Empty text box]
- Product name:** samplePaint
- UN number:** 1263 [Search button]
- Physical state:** Liquid [Dropdown arrow]
- Flash point:** 12.0 °C
- Initial boiling point:** 40.0 °C
- Kinematic viscosity:** 20.5 mm²/s
- Remarks:** [Large text area with scrollbars]

At the bottom of the window, there are three buttons: 'Product information list', 'GHS classification', and 'Product composition information'.

5.1.3. Deleting Product Information

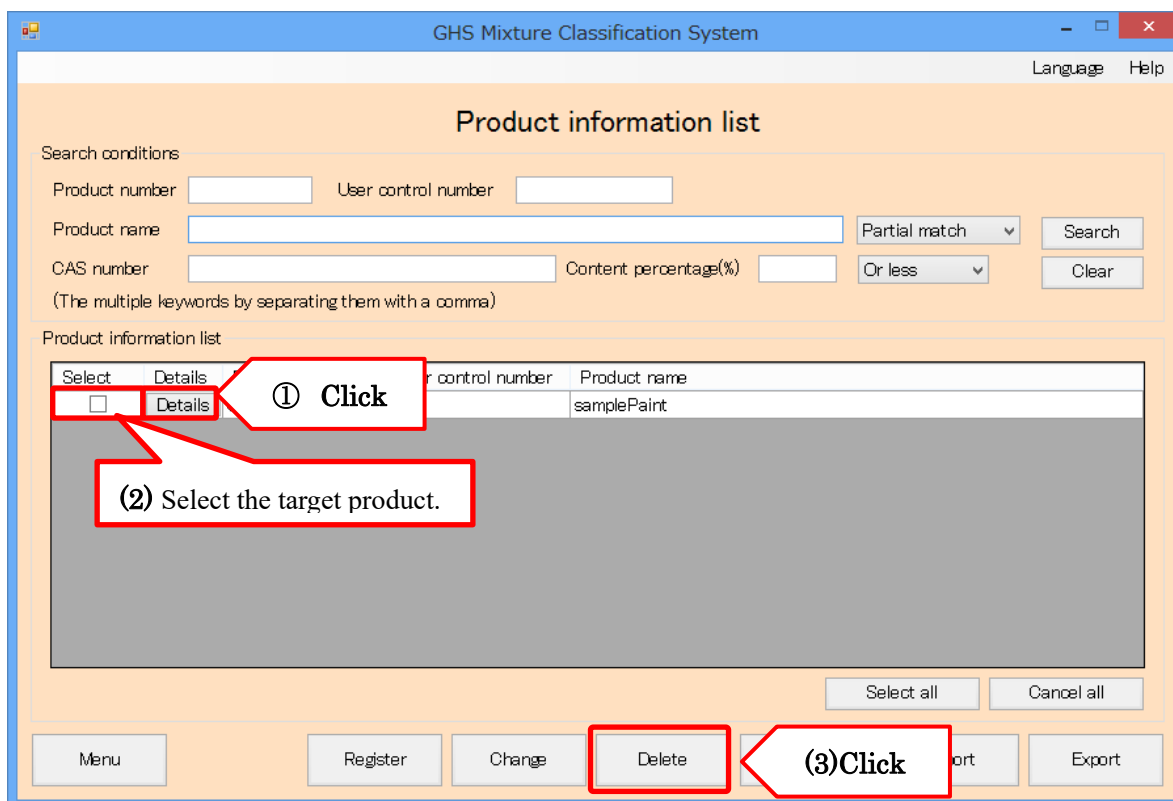
(1) To delete previously registered product information, enter the corresponding product information under “Search conditions” (1) and click the “Search” button (2) to display the target product information.

*Caution: Deleting product information also causes the product’s label elements to be deleted.



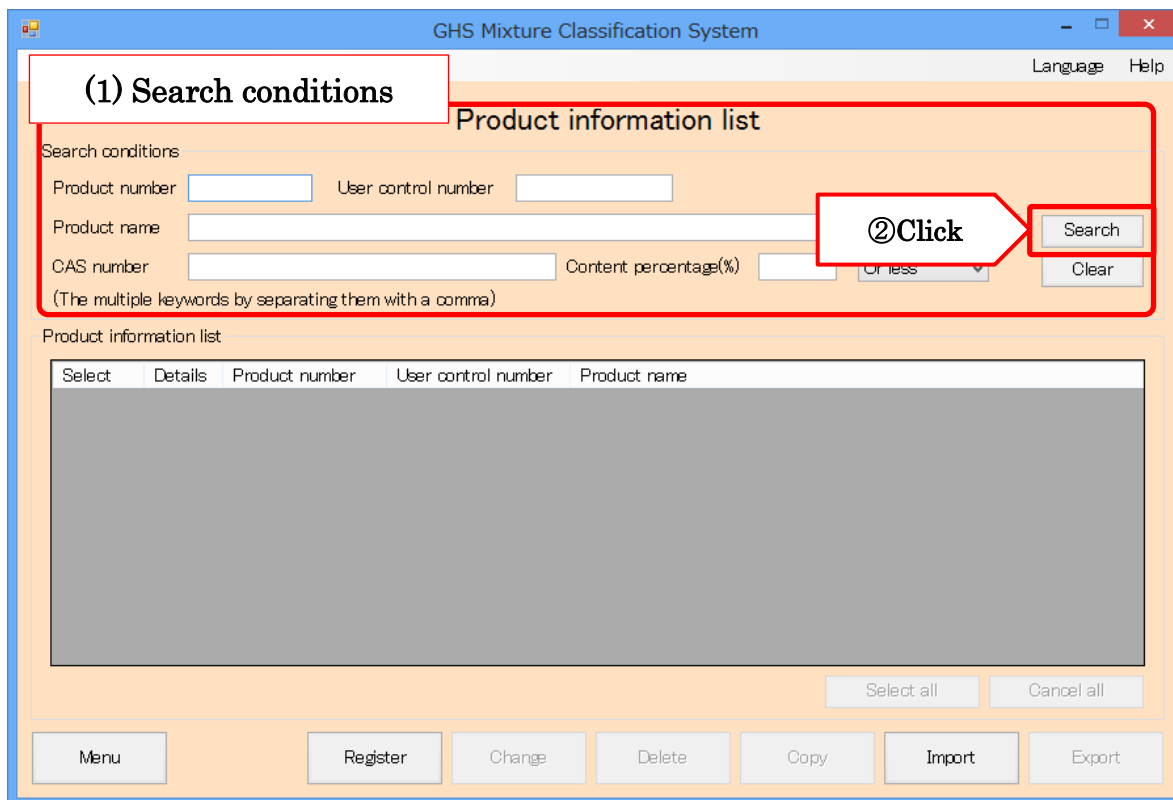
GHS Classification System Operating Manual

(2) You can check registered content by clicking the “Details” button (1) for each product shown in the search results. Select the “Select” checkbox (2) for the corresponding product and click the “Delete” button (3).



5.1.4. Registering Copied Product Information

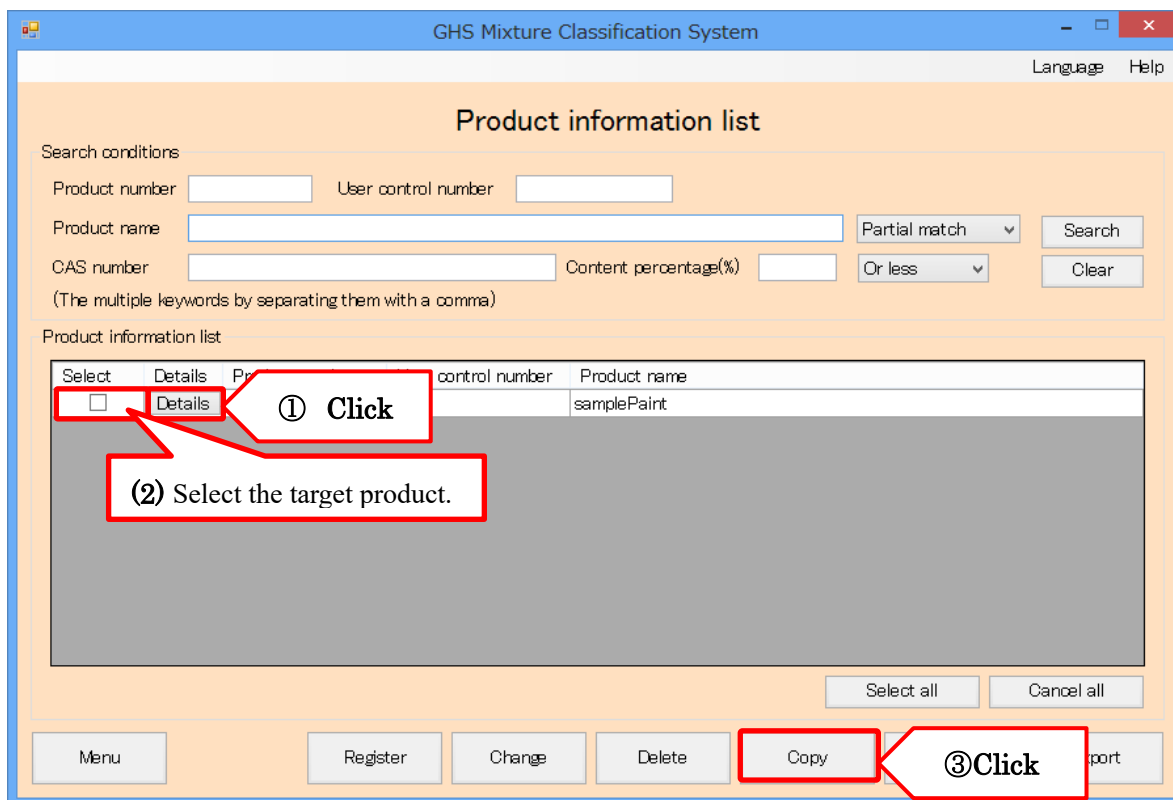
(1) You can register new product information by copying previously registered product information. Enter the product information that will serve as the copy source under “Search conditions” (1) and click the “Search” button (2) to display the target product information.



English name is required when exporting an English label if product information is registered in Japanese. Choose English for the language in this screen and enter an English name, and then it is available to export an English label, and vice versa.

GHS Classification System Operating Manual

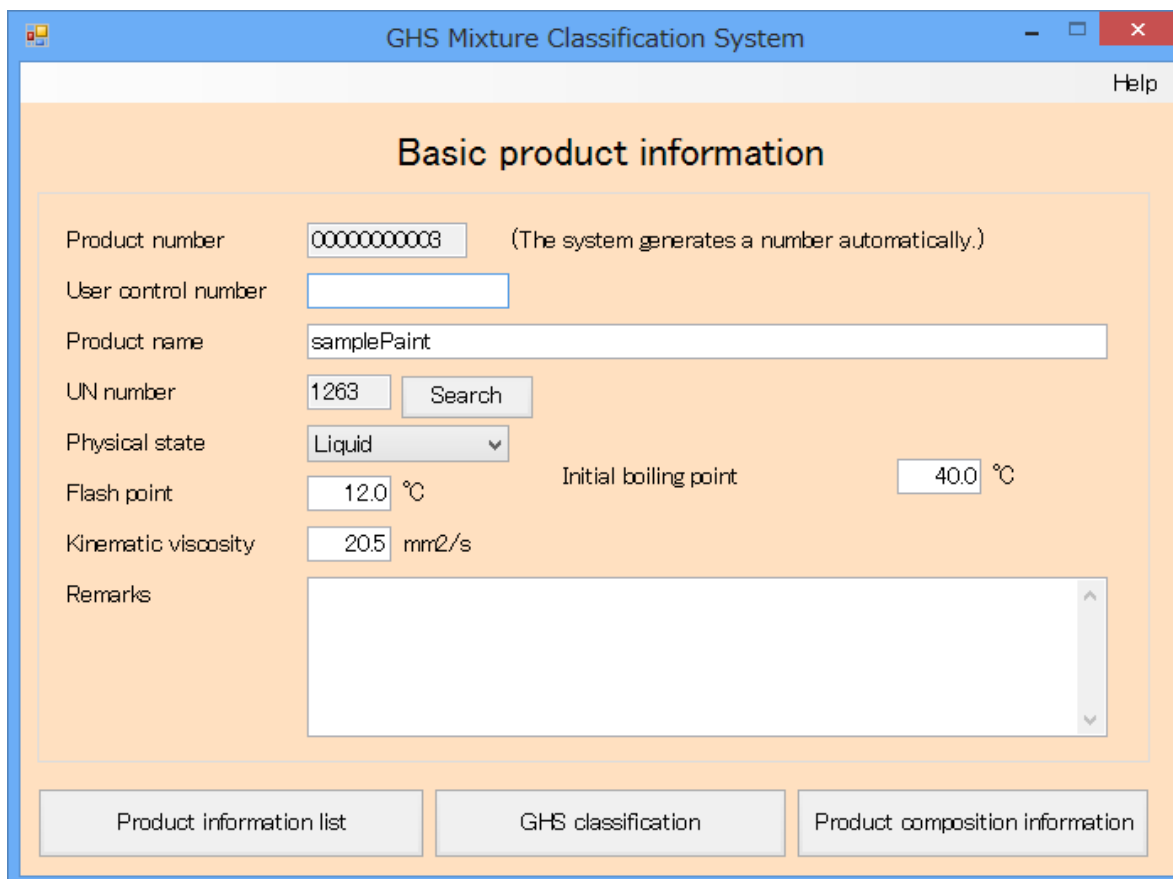
(2) You can check registered content by clicking the “Details” button (1) for each product shown in the search results. Select the “Select” checkbox (2) for the corresponding product and click the “Copy” button (3).



GHS Classification System Operating Manual

(3)The product information fields will be populated with the product information for the copy source. This information can be revised to reflect the product information being newly registered using the same procedure described in “Registering Product Information” above. (For more information about this procedure, see page 12.)

* Edited values will be saved on “Label elements” screen.



The screenshot displays the 'GHS Mixture Classification System' window. The main content area is titled 'Basic product information' and contains the following fields and controls:

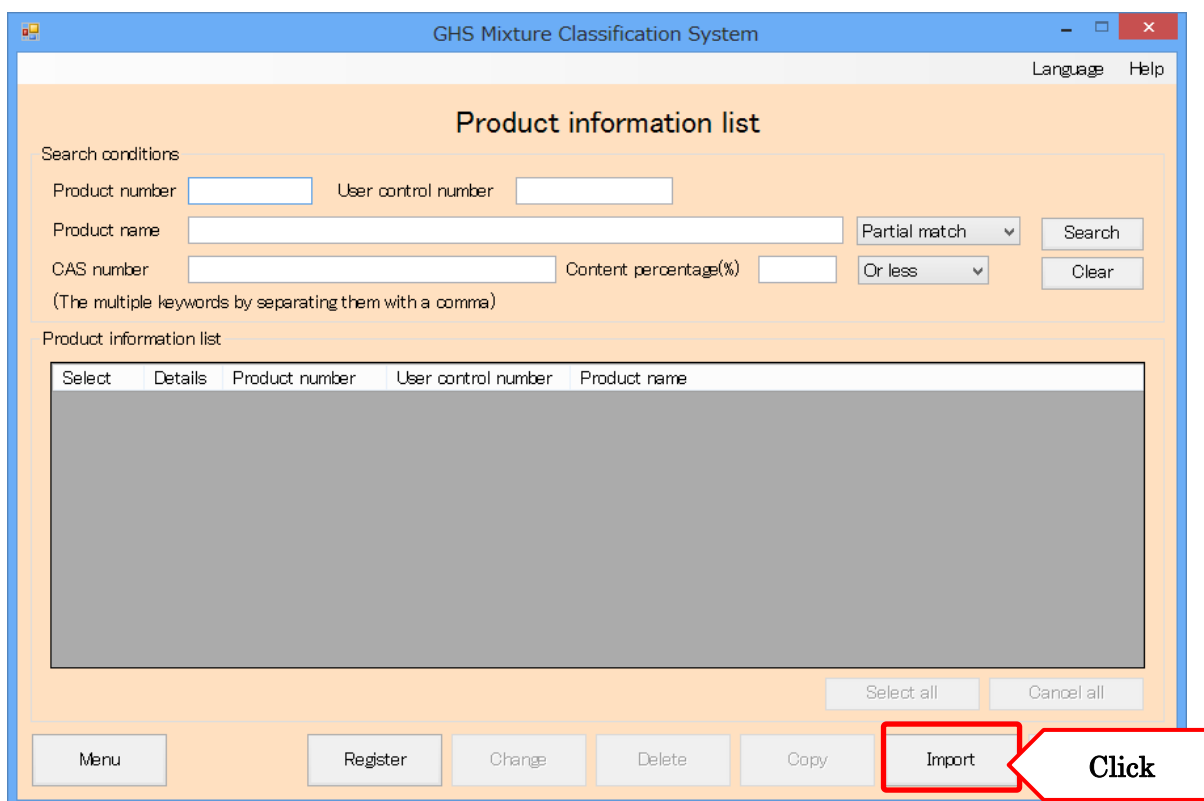
- Product number:** 0000000003 (The system generates a number automatically.)
- User control number:** [Empty text box]
- Product name:** samplePaint
- UN number:** 1263 [Search button]
- Physical state:** Liquid [Dropdown arrow]
- Flash point:** 12.0 °C
- Initial boiling point:** 40.0 °C
- Kinematic viscosity:** 20.5 mm²/s
- Remarks:** [Large text area with scrollbars]

At the bottom of the window, there are three buttons: 'Product information list', 'GHS classification', and 'Product composition information'.

GHS Classification System Operating Manual

5.1.5. Importing Product Information

You can import a file containing previously prepared product information in an import format (see separate documentation) into the system. To import data, click the “Import” button.

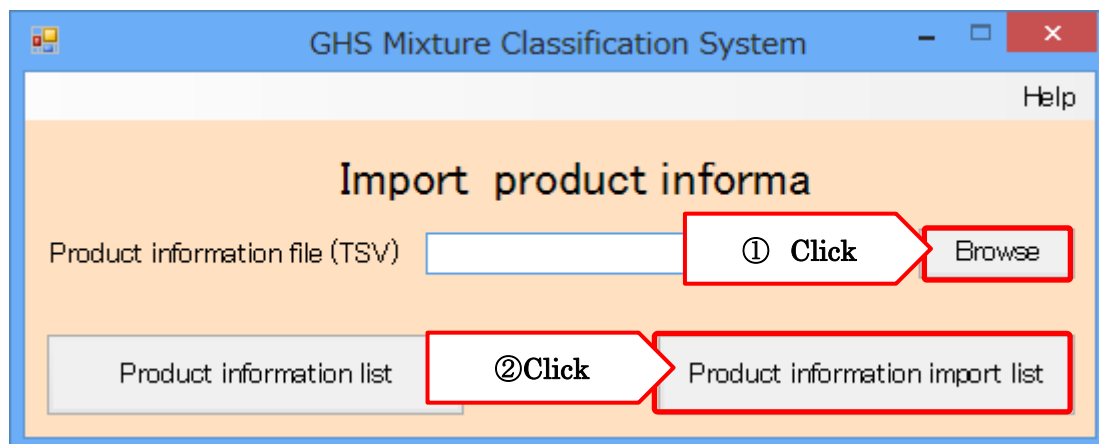


Caution: Product composition information must be previously registered as chemical substance information. If this information has not been registered, perform the procedure described in “Registering Chemical Substance Information” first.

“Basic product information” and “Product composition information” will be imported.

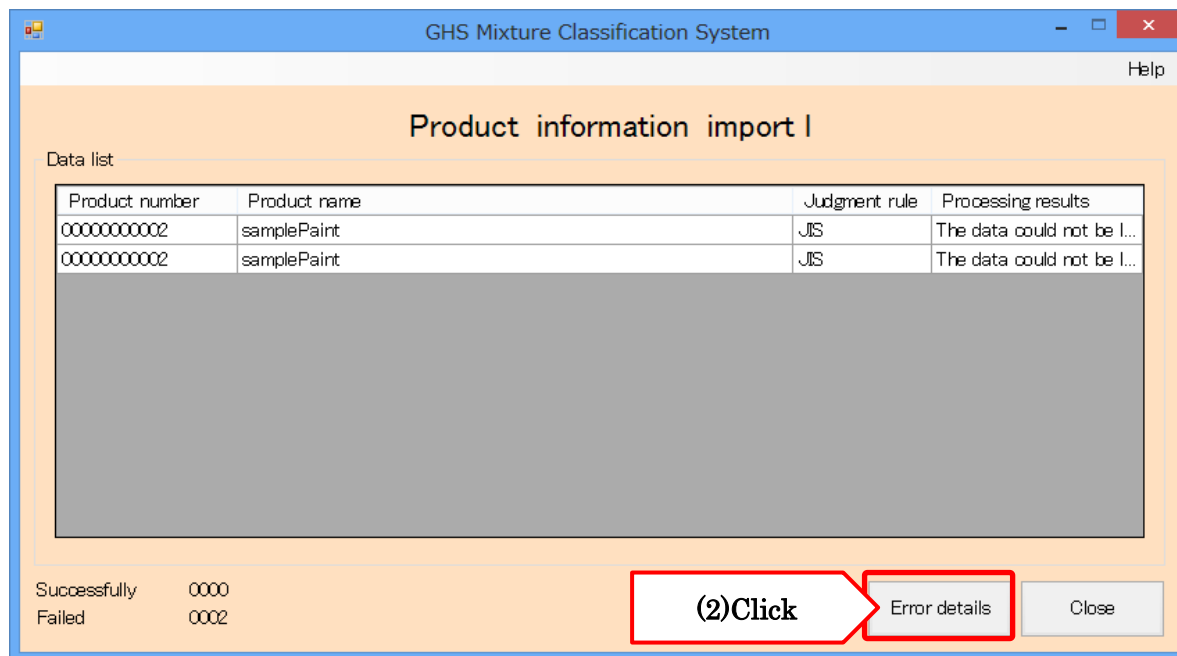
GHS Classification System Operating Manual

Click the “Browse” button (1), select the file you wish to import, and click the “Product Information Import List” button (2) to load the file’s product information.

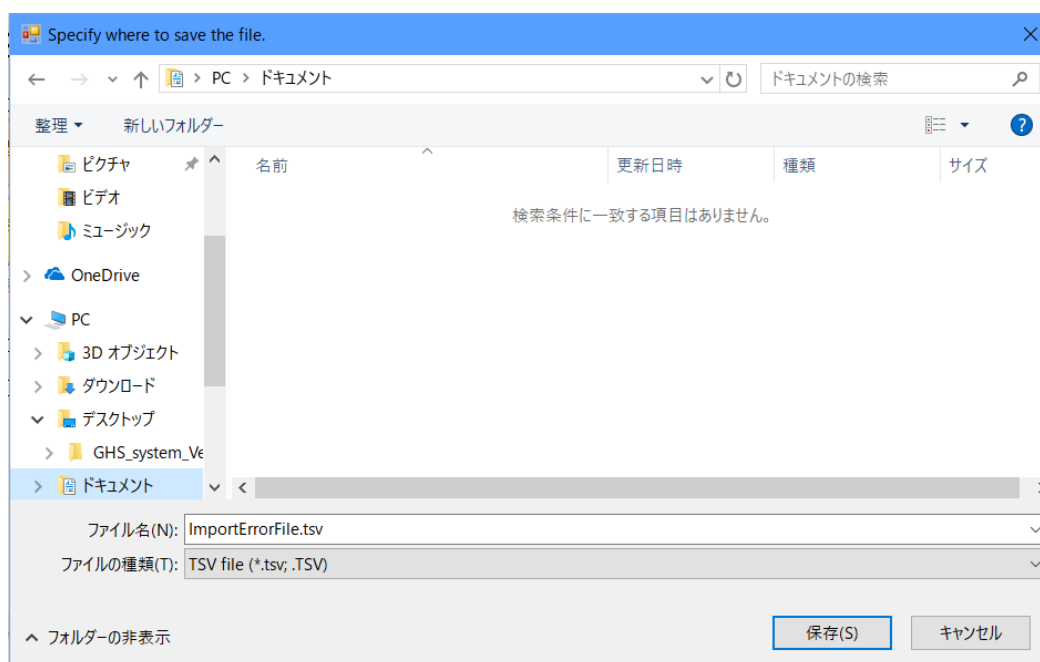


GHS Classification System Operating Manual

(3) A list of the product information loaded from the imported file will be displayed. The system checks whether information has been input properly and displays the result in the “Processing results” field. If an error is displayed in the “Processing results” field, select the “Select” checkbox (1) for the target product information and click the “Error Details” button.

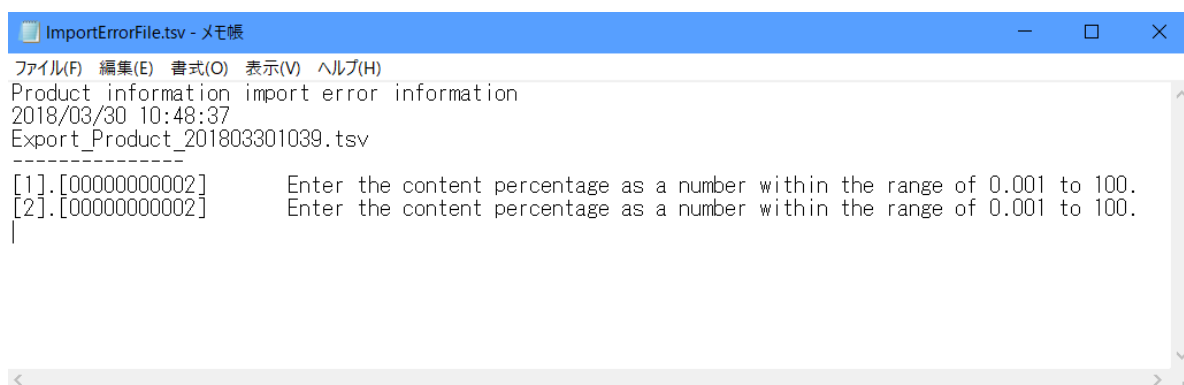


(4) "Specify where to save the file." window opens. Save the error details file (ImportErrorFile.tsv) to the specified folder.



GHS Classification System Operating Manual

(5) Open the saved error details file (ImportErrorFile.tsv) and notice the detailed description of the error.



The screenshot shows a text editor window titled "ImportErrorFile.tsv - メモ帳". The menu bar includes "ファイル(F)", "編集(E)", "書式(O)", "表示(V)", and "ヘルプ(H)". The main text area contains the following information:

```
Product information import error information
2018/03/30 10:48:37
Export_Product_201803301039.tsv
-----
[1].[000000000002]      Enter the content percentage as a number within the range of 0.001 to 100.
[2].[000000000002]      Enter the content percentage as a number within the range of 0.001 to 100.
|
```

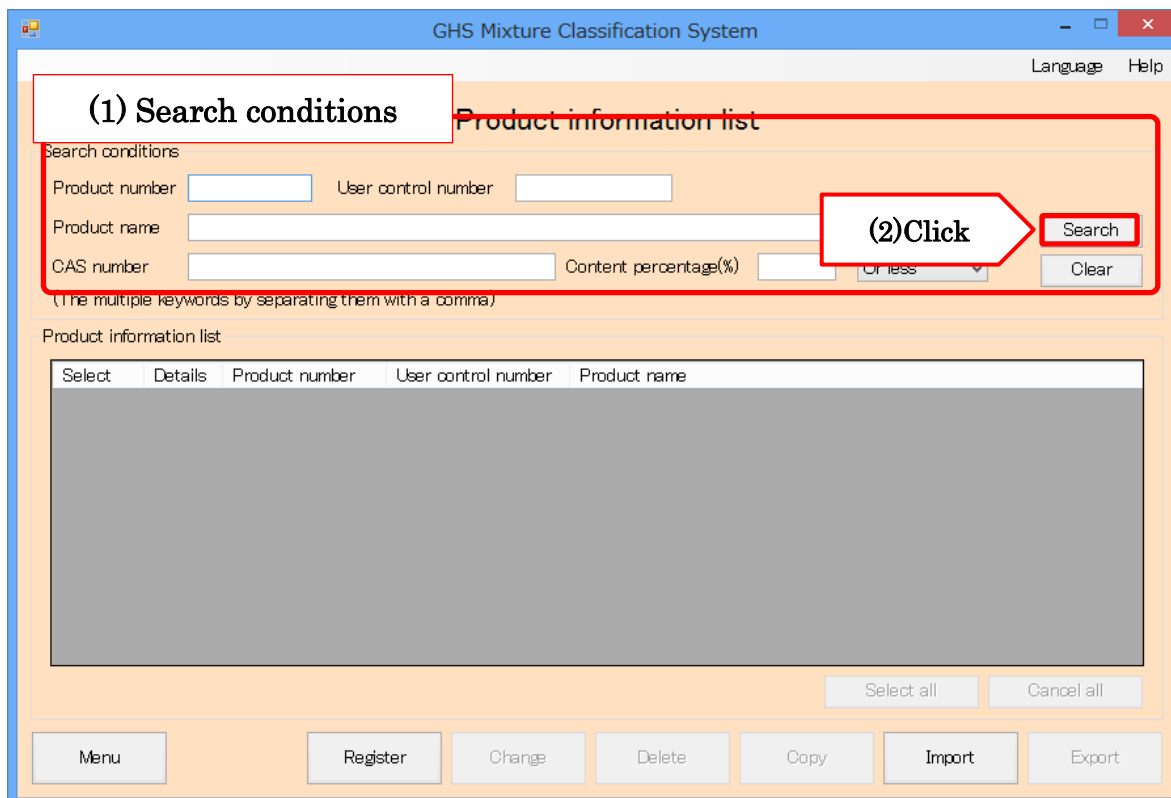
※Example is an error about the content rate, but the contents differ depending on the error.

(6) Once you have checked the nature of the error, revise the import file as appropriate and reimport its data.

GHS Classification System Operating Manual

5.1.6. Exporting Product Information

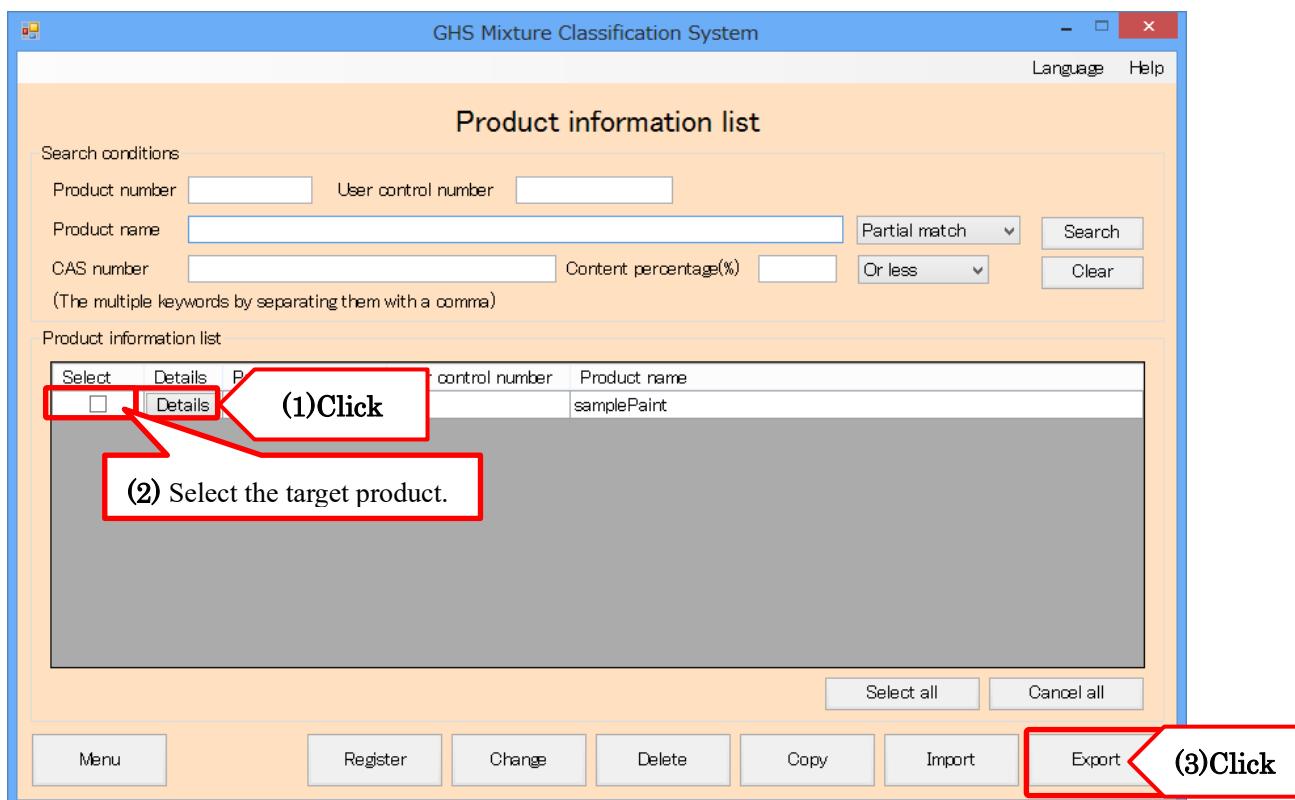
(1) You can export product information that has been registered in the system. Enter the product information you wish to export under “Search conditions” (1) and click the “Search” button (2) to display the target product information.



About the export file format, see the "Import Export Operations Manual".

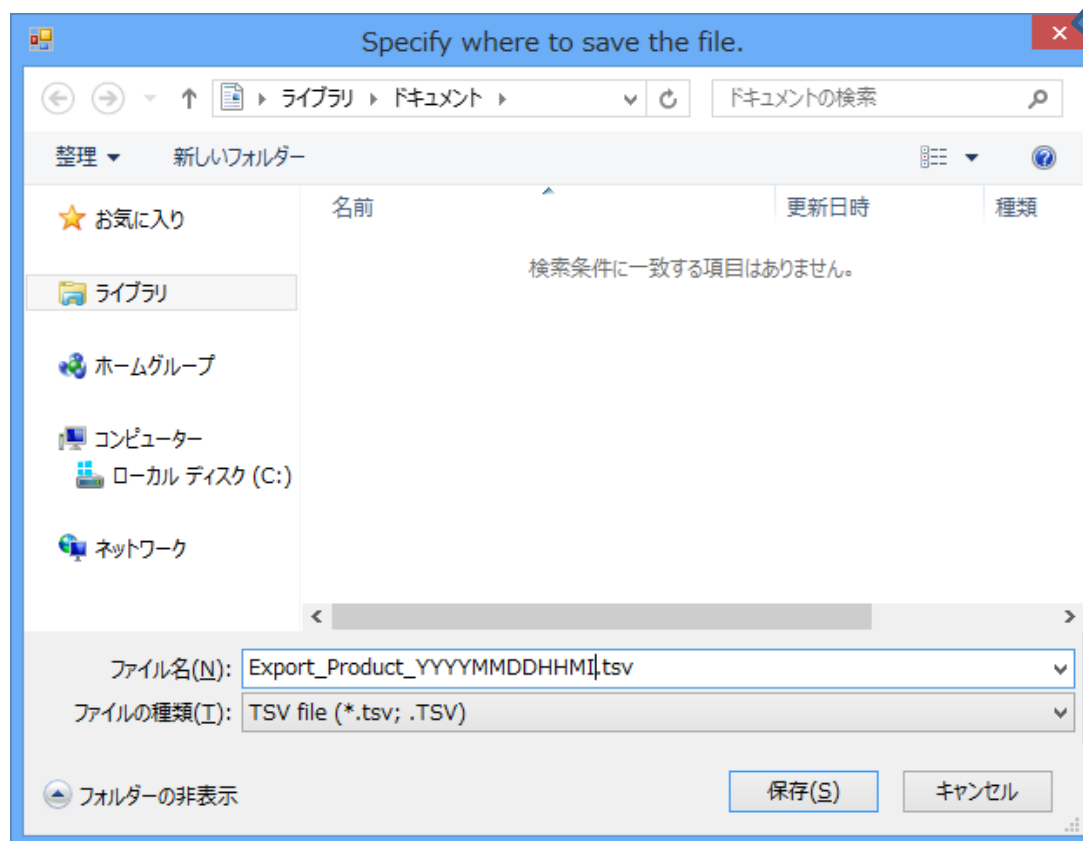
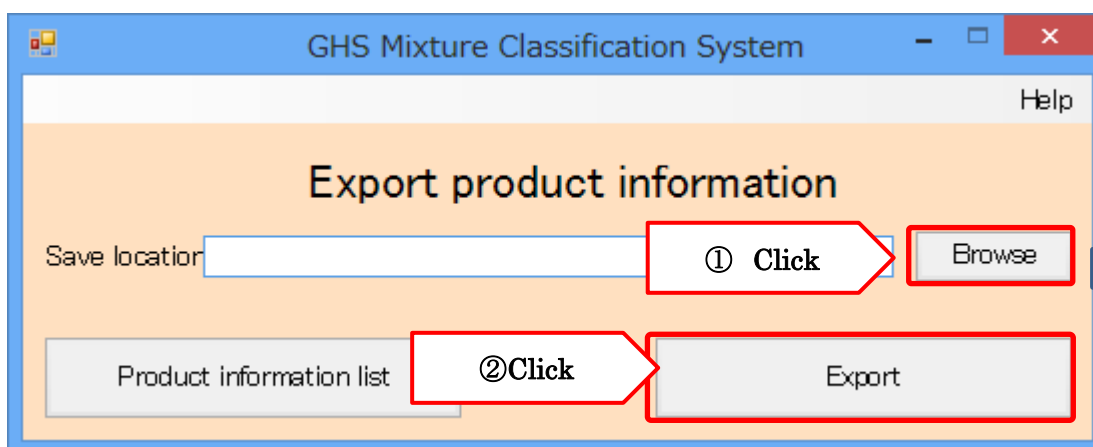
GHS Classification System Operating Manual

(2) You can check registered content by clicking the “Details” button (1) for each product shown in the search results. Select the “Export” checkbox (2) for the corresponding product and click the “Export” button (3).



GHS Classification System Operating Manual

(3) A dialog box asking you to select the location in which to save the file will be displayed. Click the “Browse” button (1), specify the desired folder, and click the “Export” button (2) to save the product information in the specified folder.



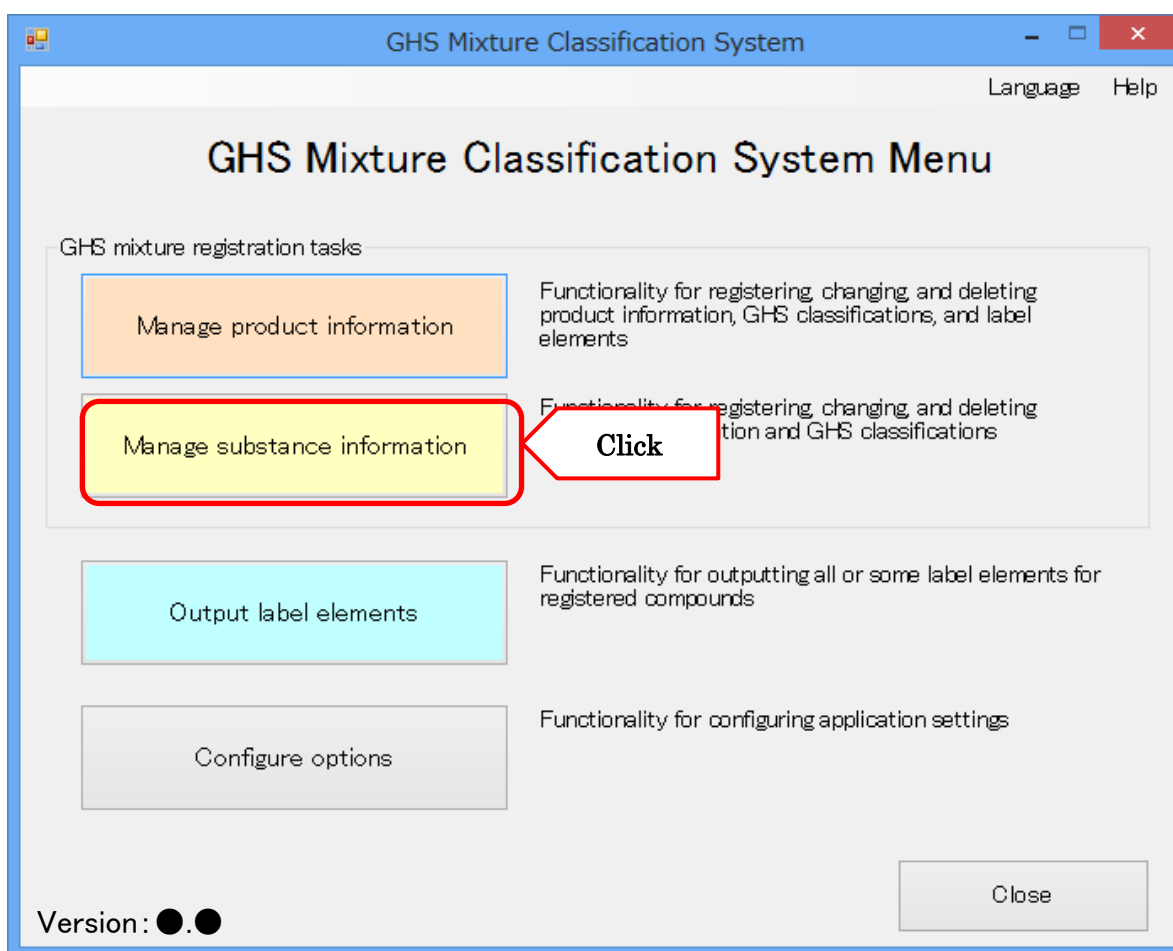
GHS Classification System Operating Manual

5.2. Managing Substance Information

The “Manage Substance Information” button provides access to functionality for registering, changing, and deleting the substance information that serves as product composition information. Click the “Manage Substance Information” button on the menu to use this functionality.

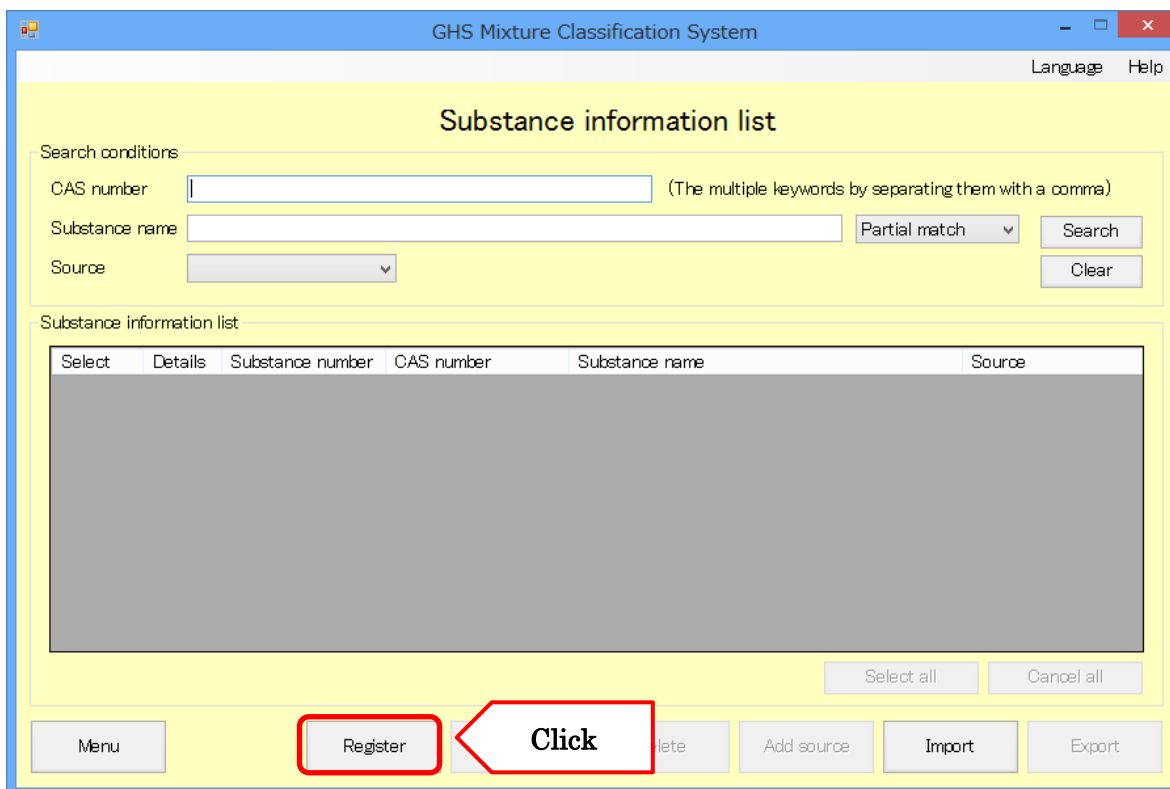
Before registering chemical substance information, be sure to register "source" from GHS classification information of option setting in advance, and select newly registered source when registering chemical substance information.

For details on how to register citations, see page 76.



5.2.1. Registering Chemical Substance Information

(1) To register new chemical substance information, click the “Register” button.



GHS Classification System Operating Manual

(2) Enter the information for the chemical substance. Once you have finished, click the “Chemical Substance Information GHS Classification” button. An explanation of each item can be found on the “Help” window.

■ Note: During product registration information, If you want temporary end by "Product information button", X button of the screen top right corner and the others.

It is possible to temporarily save your entries to it.

For more information, see P.12.

GHS Classification System Operating Manual

(3) Enter the GHS classification results for each chemical substance being registered. Select the source for each GHS classification result. Select the category for each item (2). To register a classification basis, click the “Classification Basis” button (3).

The screenshot displays the 'GHS Mixture Classification System' window. At the top, the title bar reads 'GHS Mixture Classification System' and 'Help'. The main area is titled 'Substance GHS classification'. It contains several input fields: 'Substance number' (00000002787), 'CAS number' (empty), and 'Substance name' (sampleA). A dropdown menu for 'Source' is set to 'sample' and is highlighted with a red box and the label '(1) Select source'. Below this, there are three tabs: 'Physical hazards', 'Health hazards', and 'Environmental hazards'. The 'Physical hazards' tab is selected. It shows a list of items on the left and a table with two columns: 'Classification results' and 'Basis'. The 'Classification results' column is highlighted with a red box and the label '(2) Select category'. The 'Basis' column is highlighted with a red box and the label '(3) Click'. At the bottom of the window, there are three buttons: 'Basis information of substance', 'Update', and 'Cancel'.

GHS Classification System Operating Manual

(4) Enter the classification basis and click the “Accept” button to apply it.

The screenshot displays the 'GHS Mixture Classification System' window. The title bar includes a 'Help' button. The main area is titled 'Classification basis' and contains the following fields:

- Substance number: 00000002787
- CAS number: (empty)
- Substance name: sampleA
- Classification item: Explosives

A large text area below these fields is highlighted with a red border and contains the instruction: **(1) Enter the Classification basis**.

At the bottom, there are three buttons: a 'Click' button with a mouse cursor icon, an 'Accept' button, and a 'Cancel' button. The 'Accept' button is also highlighted with a red border.

GHS Classification System Operating Manual

(5) If there is acute toxicity value data, enter it into the corresponding fields.

Item	Classification results	Toxicity value	Classification basis
Acute toxicity (oral)		(mg/kg)	Classification basis
Acute toxicity (dermal)		(mg/kg)	Classification basis
Acute toxicity (inhalation: gas)		(ppm)	Classification basis
Acute toxicity (inhalation: vapor)		(ppm)	Classification basis
Acute toxicity (inhalation: dust, mist)		(mg/L)	Classification basis
Acute toxicity (inhalation: dust, mist)		(mg/L)	Classification basis
Skin corrosivity or skin irritation			Classification basis
Serious eye damage/eye irritation			Classification basis
Respiratory sensitization			Classification basis
Skin sensitization			Classification basis
Germ cell mutagenicity			Classification basis

■ supplemental information

As this system adopts the subcategory (Category 1A and 1B) rather than Category 1 for "germ cell mutagenicity", "carcinogenicity", and "reproductive toxicity",

Please enter subcategory (Category 1A or 1B).

Although it is also possible to perform classification judgment without inputting subcategory, in that case it will be judgment result on the safety side.

If you enter Category 1, it is judged as Category 1A.

GHS Classification System Operating Manual

(6) You can check and change the organ and exposure route information for the classification results for “specific target organ toxicity [single exposure]” (or “specific target organ toxicity [repeated exposure]”) by clicking the “Specific Target Organ Toxicity [Single Exposure]” button (or the “Specific Target Organ Toxicity [Repeated Exposure]” button).

Substance GHS classification

Substance number: 00000002787
CAS number:
Substance name: sampleA
Source: sample

Physical hazards | **Health hazards** | Environmental hazards

Item	Classification results	Toxicity value	Basis
Skin corrosivity or skin irritation	<input type="text"/>		Classification basis
Serious eye damage/eye irritation	<input type="text"/>		Classification basis
Respiratory sensitization	<input type="text"/>		Classification basis
Skin sensitization	<input type="text"/>		Classification basis
Germ cell mutagenicity	<input type="text"/>		Classification basis
Carcinogenicity	<input type="text"/>		Classification basis
Reproductive toxicity	<input type="text"/>		Classification basis
Reproductive toxicity/effect on or via lactation	<input type="text"/>		Classification basis
Specific target organ toxicity (single exposure)	<input type="text"/>		Classification basis
Specific target organ toxicity (repeated exposure)	<input type="text"/>		Classification basis
Aspiration hazard	<input type="text"/>		Classification basis

Basis information of substance Register Cancel

GHS Classification System Operating Manual

(7). To add an organ, click the “Add” button (1). To delete a category, click the “Delete” button (2) next to the organ you wish to delete. Click the “Accept” button (3) to apply your changes to the classification results.

Substance number: 00000002787
CAS number:
Substance name: sampleA

	Category	Organ	Exposure route
Delete	▼	-	▼

① Click Add

② Click to delete the organ if you need .

③ Click Accept Cancel

GHS Classification System Operating Manual

(8) If there is aquatic environment toxicity (acute/long-term) data, enter it into the corresponding fields.

The screenshot shows the 'GHS Mixture Classification System' window. At the top, it says 'Substance GHS classification'. Below this, there are input fields for 'Substance number' (0000002787), 'CAS number', 'Substance name' (sampleA), and 'Source' (sample). The main area has three tabs: 'Physical hazards', 'Health hazards', and 'Environmental hazards'. The 'Environmental hazards' tab is selected, showing a table with two main sections: 'Hazardous to the aquatic environment Short-term (acute)' and 'Hazardous to the aquatic environment Long-term (chronic)'. Each section has a dropdown menu for 'Item' and a table for 'Toxicity value'. The 'Toxicity value' table has columns for 'Item', 'Toxicity value', and 'Classification basis'. A red box highlights the 'Toxicity value' column, and a callout box with the text '(1) Enter the toxicity value' points to it.

Item	Toxicity value	Classification basis
Hazardous to the aquatic environment Short-term (acute)	LC50 (fish)	(mg/L)
	EC50 (crustacea species)	(mg/L)
	EC50 (algal species)	(mg/L)
	Toxicity multiplying factor	
Hazardous to the aquatic environment Long-term (chronic)	NOEC (fish)	(mg/L)
	NOEC (crustacea species)	(mg/L)
	NOEC (algal species)	(mg/L)
	Rapid degradability	Unknown
	Toxicity multiplying factor	

GHS Classification System Operating Manual

(9) Once you have finished entering the GHS classification results, click the “Register” button to register the chemical substance information.

Substance GHS classification

Substance number: 00000002787
CAS number:
Substance name: sampleA
Source: sample

Physical hazards | Health hazards | Environmental hazards

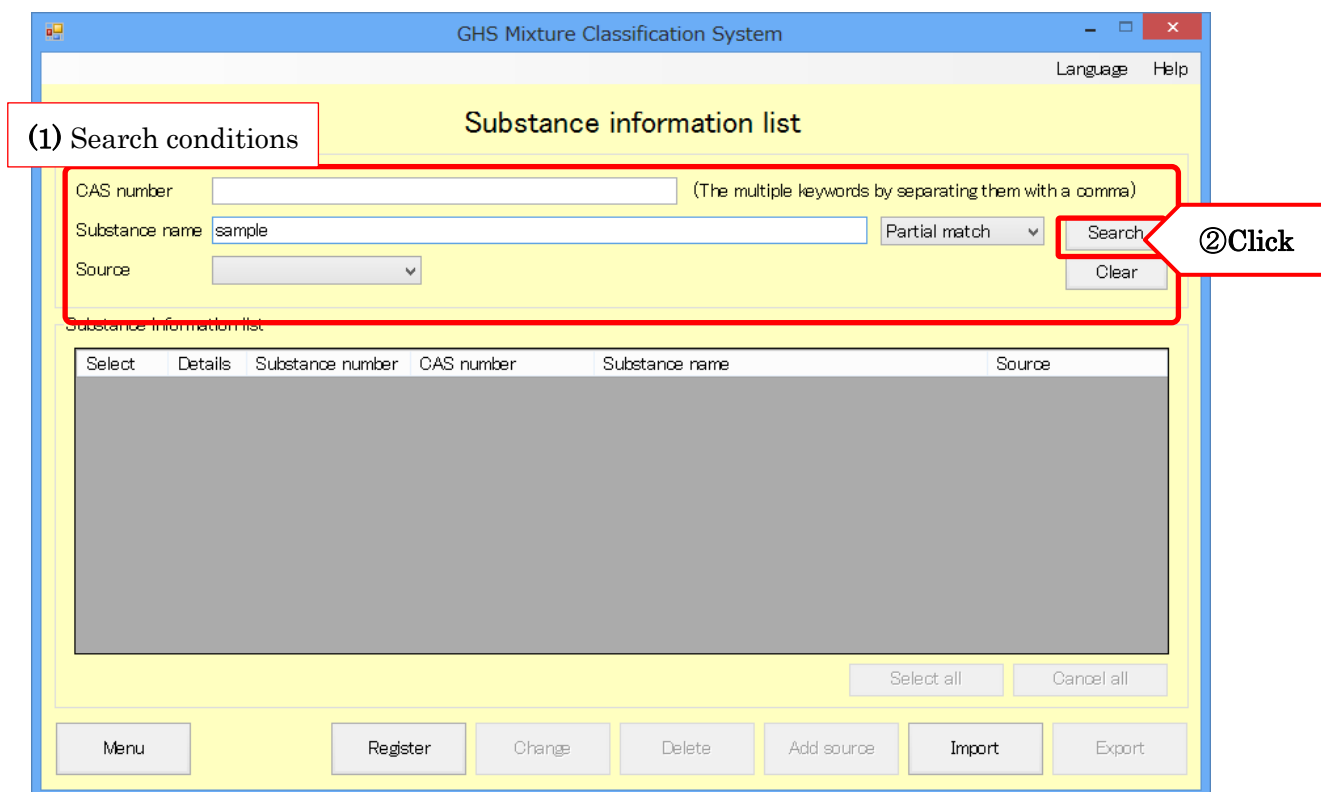
Item	Toxicity value	Basis
Hazardous to the aquatic environment Short-term (acute)	LC50 (fish)	<input type="text"/> (mg/L) - Classification basis
	EC50 (crustacea species)	<input type="text"/> (mg/L)
	EC50 (algal species)	<input type="text"/> (mg/L)
	Toxicity multiplying factor	<input type="text"/>
Hazardous to the aquatic environment Long-term (chronic)	NOEC (fish)	<input type="text"/> (mg/L) - Classification basis
	NOEC (crustacea species)	<input type="text"/> (mg/L)
	NOEC (algal species)	<input type="text"/> (mg/L)
	Rapid degradability	Unknown
	Toxicity multiplying factor	<input type="text"/>

Basis information of substance | **Click** Register | Cancel

GHS Classification System Operating Manual

5.2.2. Changing Chemical Substance Information

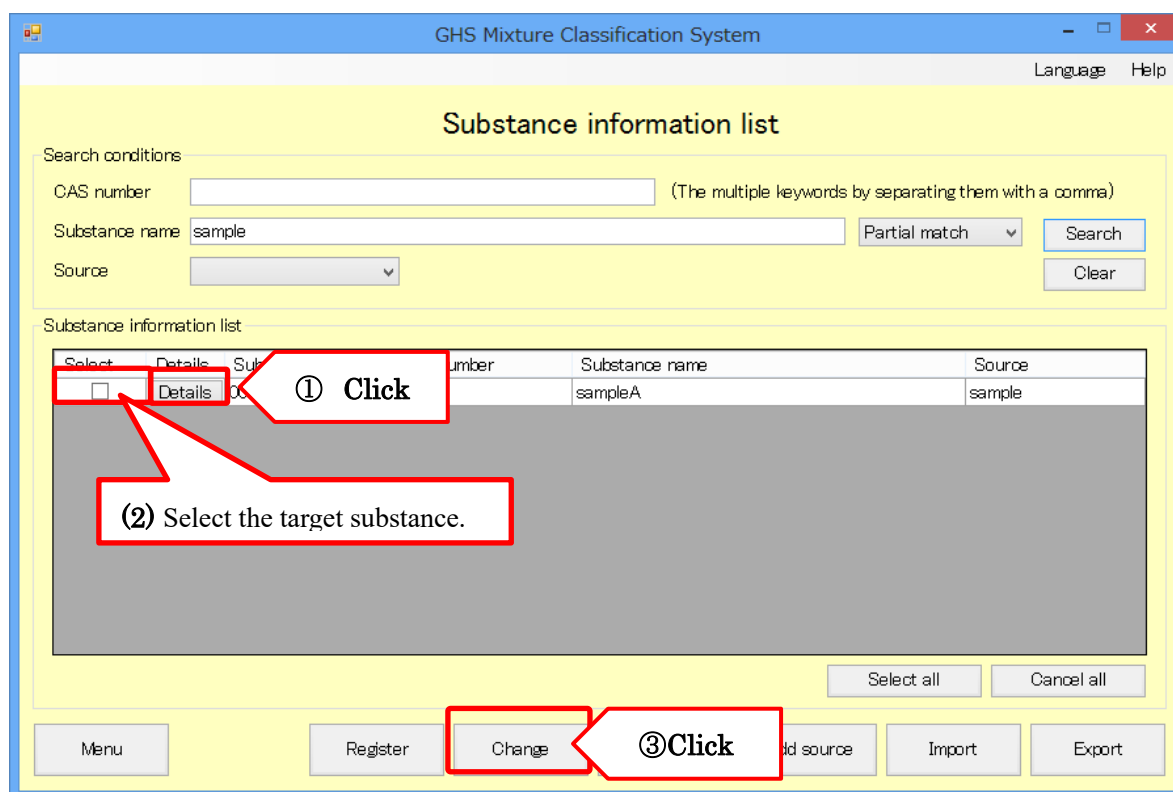
(1) To revise previously registered chemical substance information, enter the corresponding chemical substance information under “Search conditions” (1) and click the “Search” button (2) to display the target chemical substance information.



GHS Classification System Operating Manual

(2) You can check registered content by clicking the “Details” button (1) for each chemical substance shown in the search results. Select the “Select” checkbox (2) for the corresponding chemical substance and click the “Change” button (3).

Note: This applies only to the substance with the selected substance number. It doesn't affect other substances even though they have the same CAS number or substance name.



GHS Classification System Operating Manual

(3) Chemical substance information can be revised using the same procedure as described in “Registering Chemical Product Information” above. (For more information about this procedure, see page 45.)

* Edited values will be saved on “GHS Classification information” screen.

Caution: If substance information that has already been used as product composition information is changed, GHS classification results and label elements may also be changed. Click the “Classify Product” button accessible from functionality for changing product information to repeat the process of reclassifying the product and recreating its label elements. (For more information about this procedure, see “Updating Product Information” on page 30.)

The screenshot displays the 'GHS Mixture Classification System' window. The main area is titled 'Basis information of substance' and contains the following fields and controls:

- Substance number:** 00000002787 (The system generates a number automatically.)
- CAS number:** [Empty text box]
- Substance name:** sampleA
- Equivalency factor:** [Empty text box]
- Oxygen equivalent coefficient:** [Empty text box] **pH:** [Empty text box]
- Maximum concentration of the flammable gas:** [Empty text box] %
- Minimum concentration of the flammable gas:** [Empty text box] %
- Substance category:**
 - Acid (pH ≤ 2)
 - Base (pH ≥ 11.5)
- Inorganic salt:** Unknown (dropdown)
- Aldehyde:** Unknown (dropdown)
- Phenol:** Unknown (dropdown)
- Surfactant or other ingredient:** Unknown (dropdown)

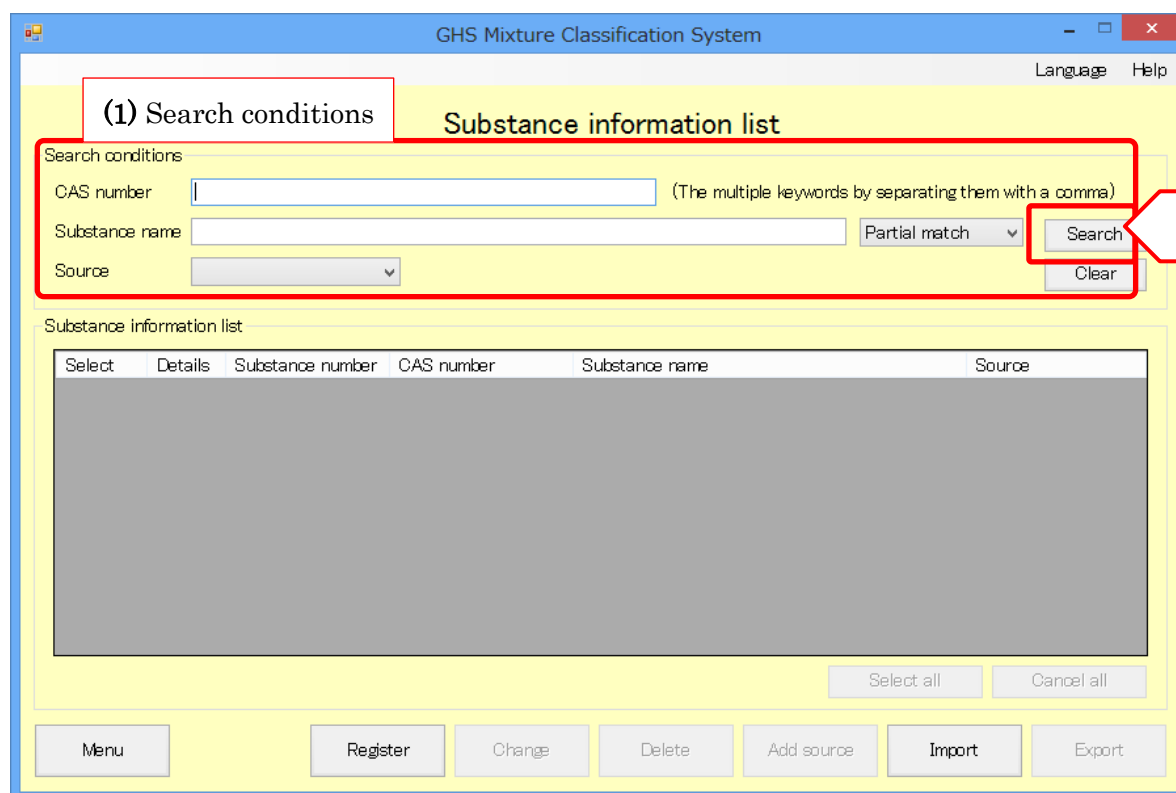
At the bottom, there is a **Remarks** text area and two buttons: **Substance information list** and **Substance GHS classification**.

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5.2.3. Deleting Chemical Substance Information

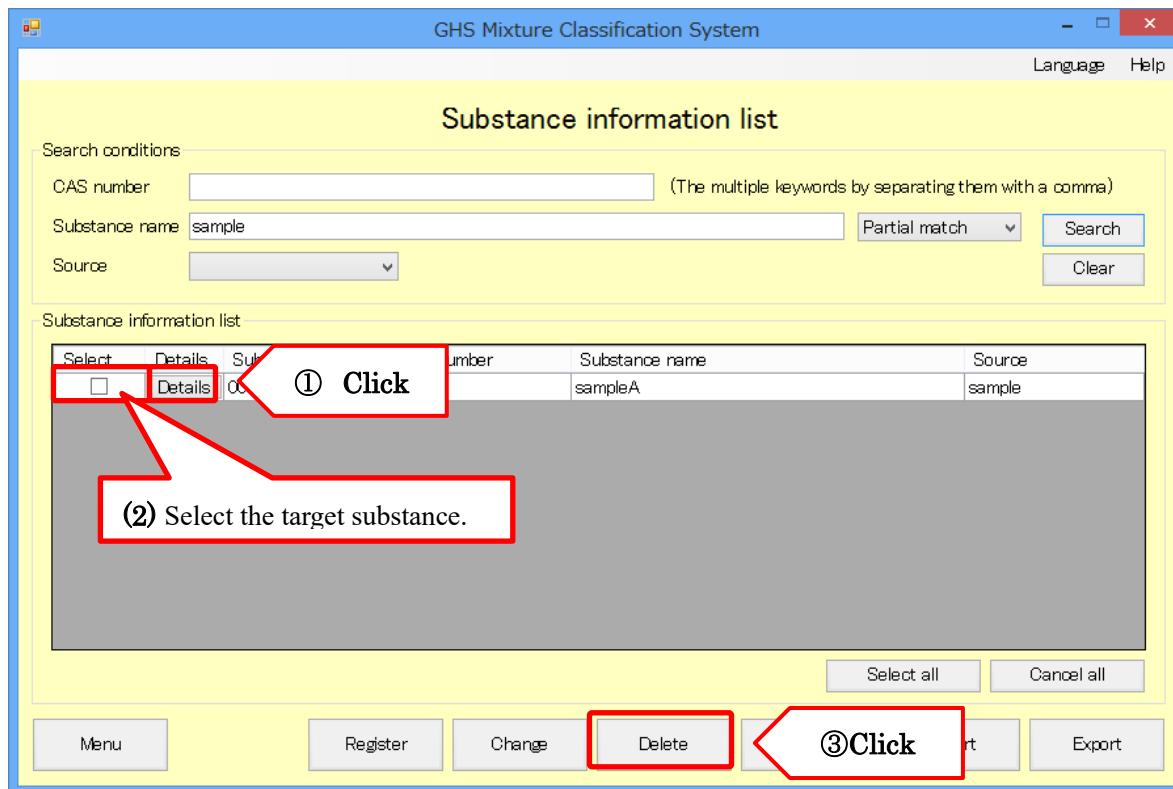
(1) To delete previously registered substance information, enter the corresponding chemical substance information under “Search Conditions” (1) and click the “Search” button (2) to display the target chemical substance information.

Caution: Chemical substance information that has already been registered as product composition information cannot be deleted. To delete this information, you must either delete it from the corresponding product composition information or delete the product information.



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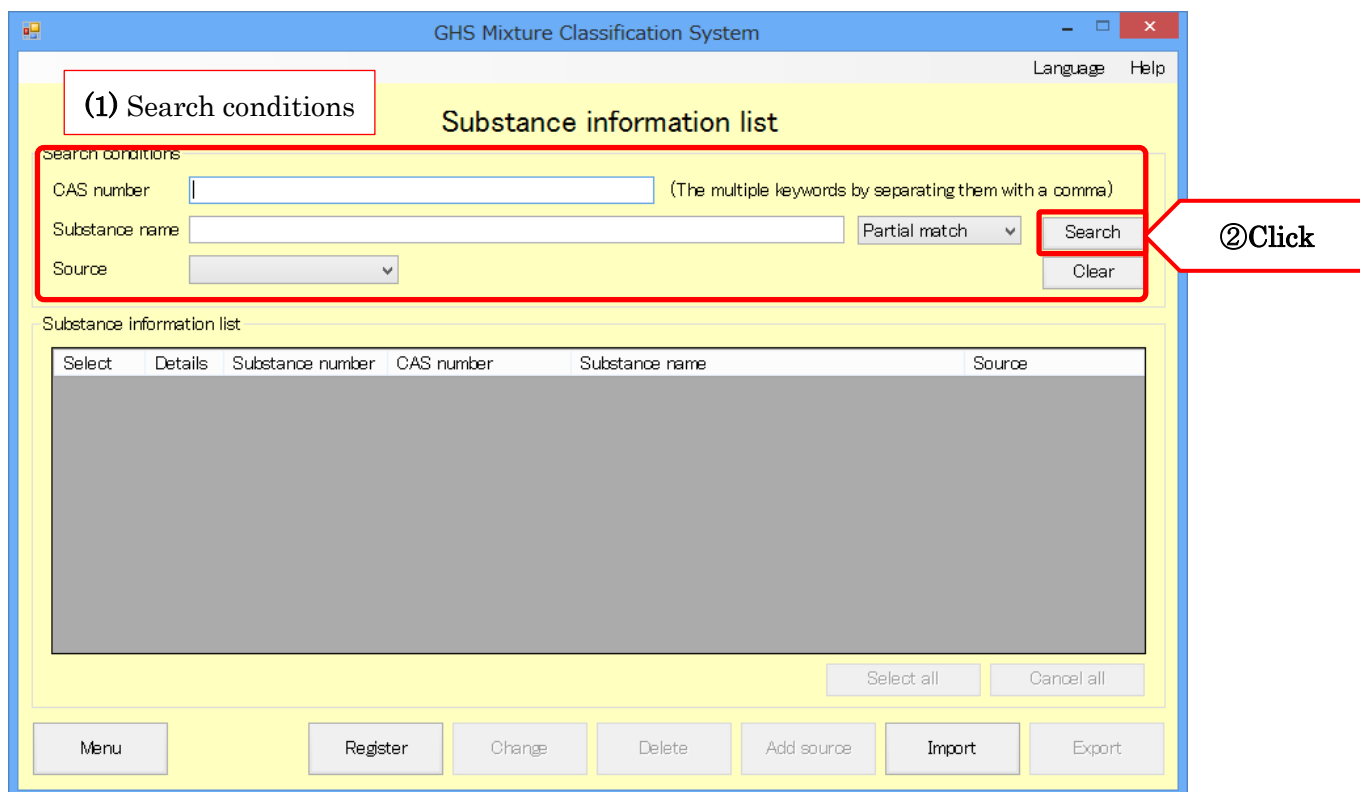
(2) You can check registered content by clicking the “Details” button (1) for each chemical substance shown in the search results. Select the “Select” checkbox (2) for the corresponding chemical substance and click the “Delete” button (3).



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5.2.4. Registering addition GHS classification

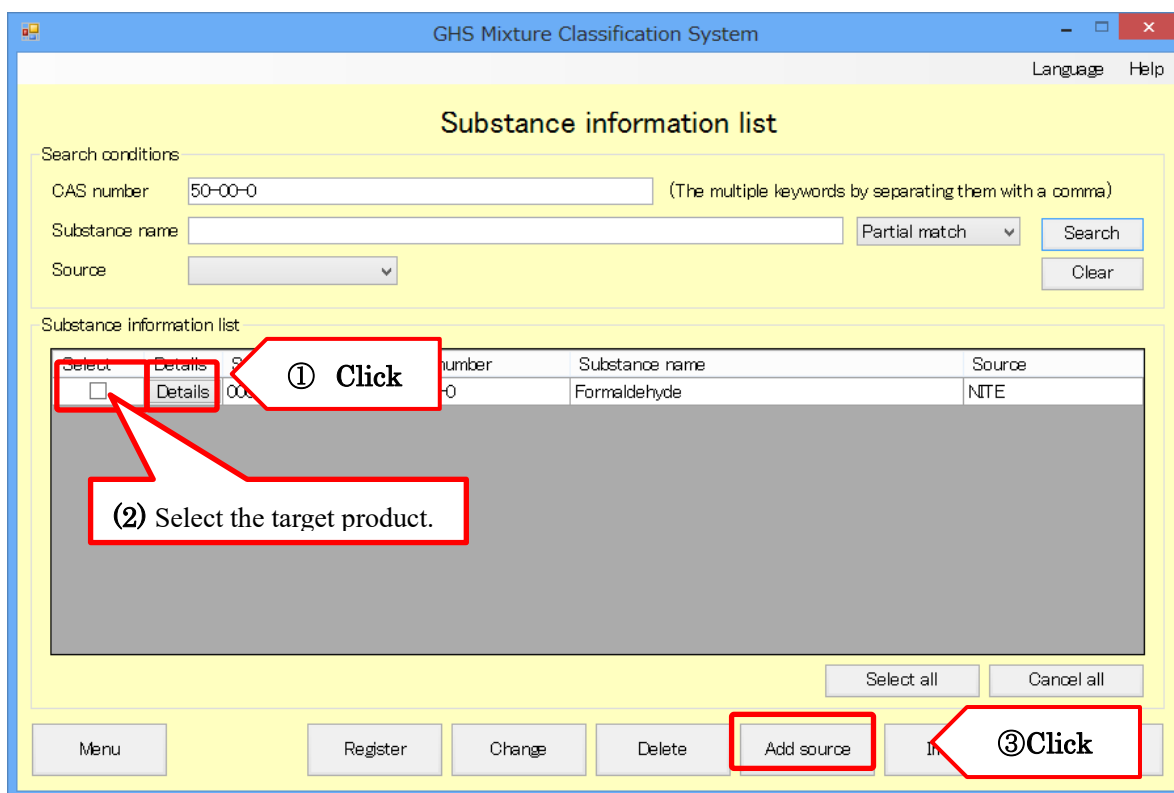
(1) You can register new chemical substance information by copying previously registered chemical substance information. Enter the chemical substance information that will serve as the copy source under “Search conditions” (1) and click the “Search” button (2) to display the target chemical substance information.



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(2) You can check registered content by clicking the “Details” button for each chemical substance shown in the search results. Select the “Select” checkbox (2) for the corresponding chemical substance and click the “Add source” button (3).

Note: GHS classification information will be added only to the substance with the selected substance number. It doesn't affect other substances even though they have the same CAS number or substance name.



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(3) Chemical substance information from the selected source is displayed. Select a source where GHS classification results will be added

The screenshot shows the 'GHS Mixture Classification System' window. The title bar includes 'GHS Mixture Classification System' and 'Help'. The main heading is 'Substance GHS classification'. Below this, there are input fields for 'Substance number' (00000000045), 'CAS number' (50-00-0), and 'Substance name' (Formaldehyde). The 'Source' dropdown menu is open, showing 'NITE', 'NITE', and 'sample', with 'sample' selected. A red box highlights the dropdown, and a label 'selected source' points to it. Below the source selection, there are tabs for 'Physical hazards', 'Health hazards', and 'Environmental hazards'. The 'Physical hazards' tab is active, displaying a table with three columns: 'Item', 'Classification results', and 'Basis'. The table lists various hazard items and their corresponding classification results and bases. At the bottom of the window, there are buttons for 'Basis information of substance', 'Register', and 'Cancel'.

Item	Classification results	Basis
Explosive	Not applicable	Classification basis
Flammable gases	Category 1	Classification basis
Aerosol	Not applicable	Classification basis
Oxidizing gases	Classification not possible	Classification basis
Gas under pressure	Liquefied gas	Classification basis
Flammable liquid	Not applicable	Classification basis
Flammable solid	Not applicable	Classification basis
Self-reactive substance and mixture	Not applicable	Classification basis
Pyrophoric liquid	Not applicable	Classification basis
Pyrophoric solid	Not applicable	Classification basis
Self-heating substance	Not applicable	Classification basis

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(4) Enter GHS classification results to add for each hazard item. Select a “Category” for each item (①). Click “Classification basis” button to add classification basis (②).

Please refer to the above-mentioned “Registering Chemical Substance Information” in regard to entering classification basis (see page 45).

Substance GHS classification

Substance number: 00000000045
CAS number: 50-00-0
Substance name: Formaldehyde
Source: sample

Physical hazards | Health hazards | Environmental hazards

Item	Classification results	Basis
Explosive	Not applicable	Classification basis
Flammable gases	Category 1	Classification basis
Aerosol	Not applicable	Classification basis
Oxidizing gases	Classification not possible	Classification basis
Gas under pressure	Liquefied gas	Classification basis
Flammable liquid	Not applicable	Classification basis
Flammable solid	Not applicable	Classification basis
Self-reactive substance and mixture	Not applicable	Classification basis
Pyrophoric liquid	Not applicable	Classification basis
Pyrophoric solid	Not applicable	Classification basis
Self-heating substance	Not applicable	Classification basis

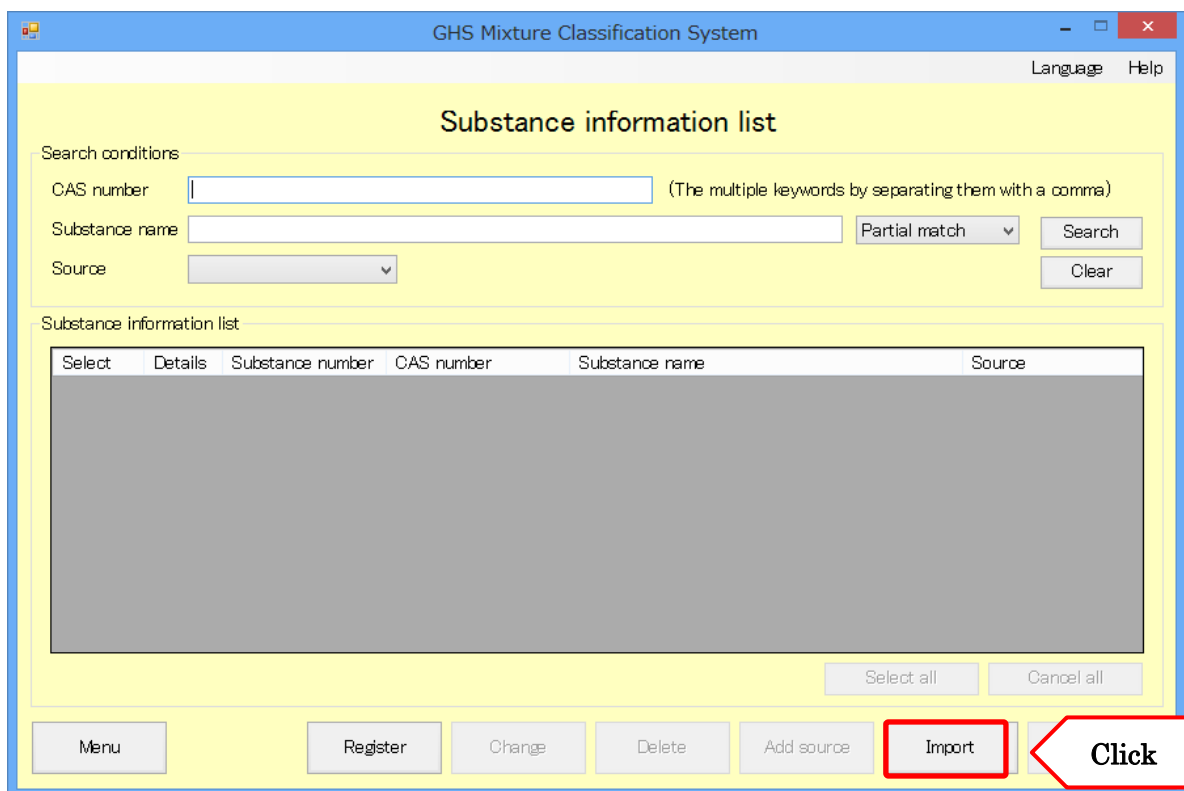
select category

Basis information of substance | Update | Cancel

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5.2.5. Importing Substance Information

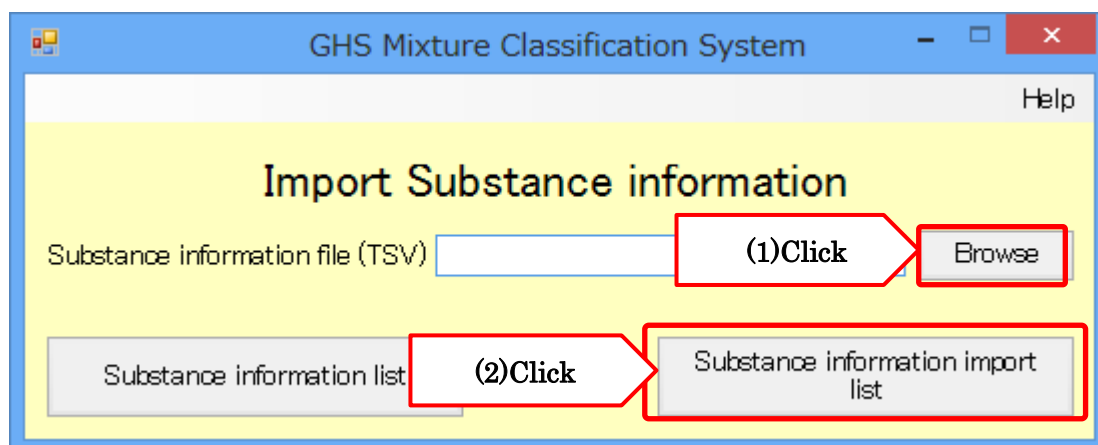
(1) You can import a file containing previously prepared chemical substance information in an import format (see separate documentation) into the system. To import data, click the “Import” button.



* About the import file format, see the "Import Export Operations Manual".

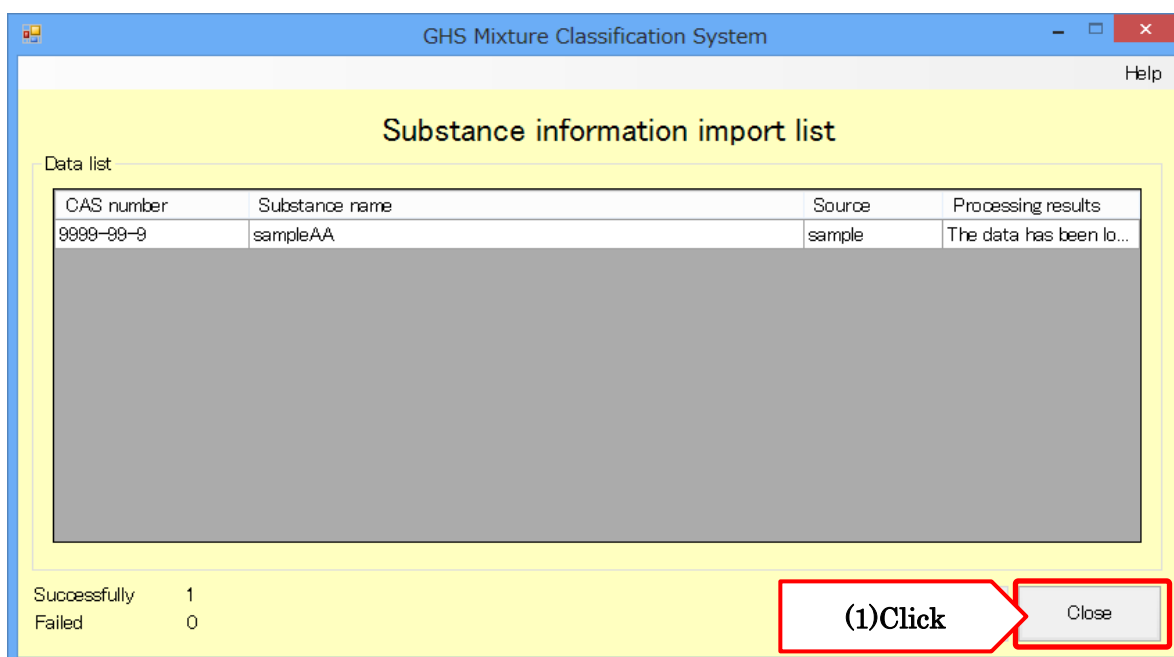
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(2)Click the “Browse” button (1), select the file you wish to import, and click the “Chemical Substance Information Import List” button (2) to load the file’s chemical substance information.



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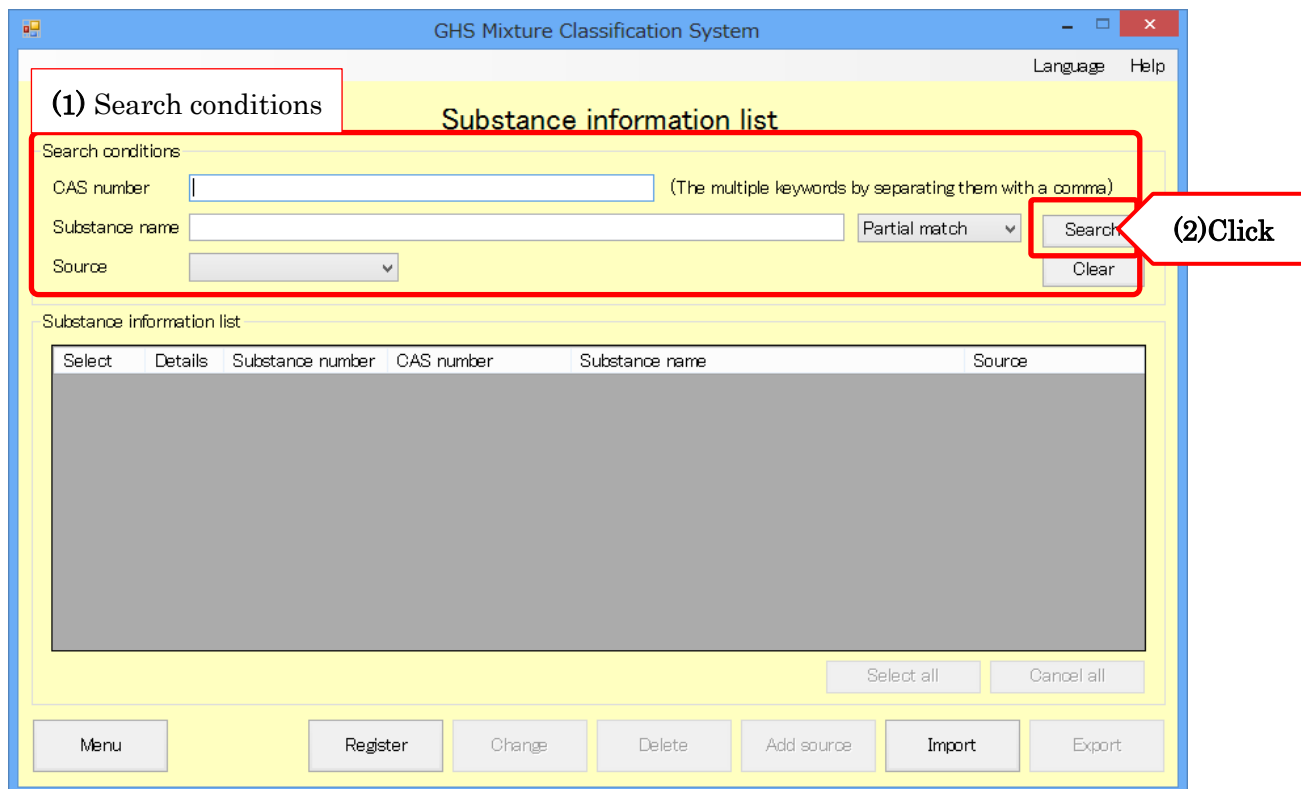
(3) A list of the substance information loaded from the imported file will be displayed. The system checks whether information has been input properly and displays the result in the “Processing results” field. If an error is displayed in the “Processing results” field, click the “Error Details” button (1).



(4) Once you have checked the nature of the error, revise the import file as appropriate and reimport its data.

5.2.6. Exporting Substance Information

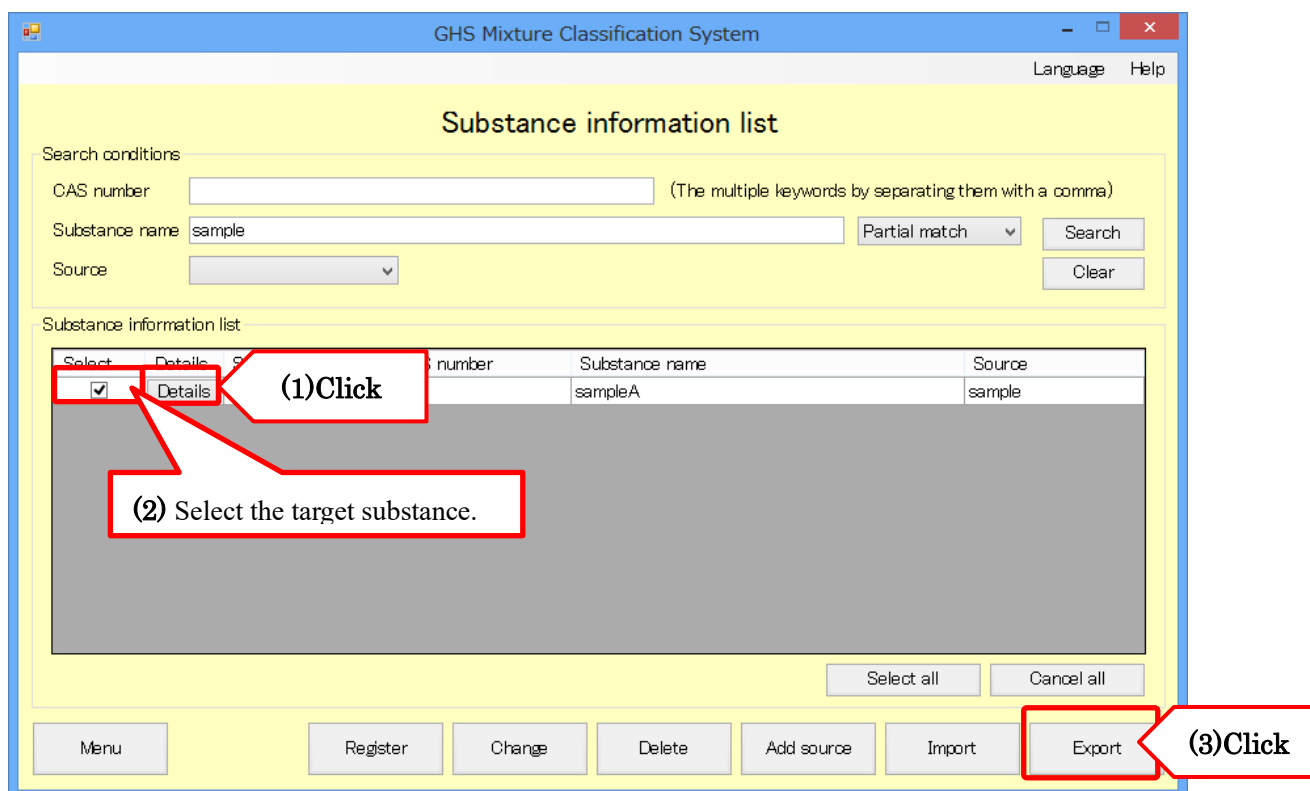
(1) You can export substance information that has been registered in the system. Enter the substance information you wish to export under “Search conditions” (1) and click the “Search” button (2) to display the target substance information.



* About the export file format, see the "Import Export Operations Manual".

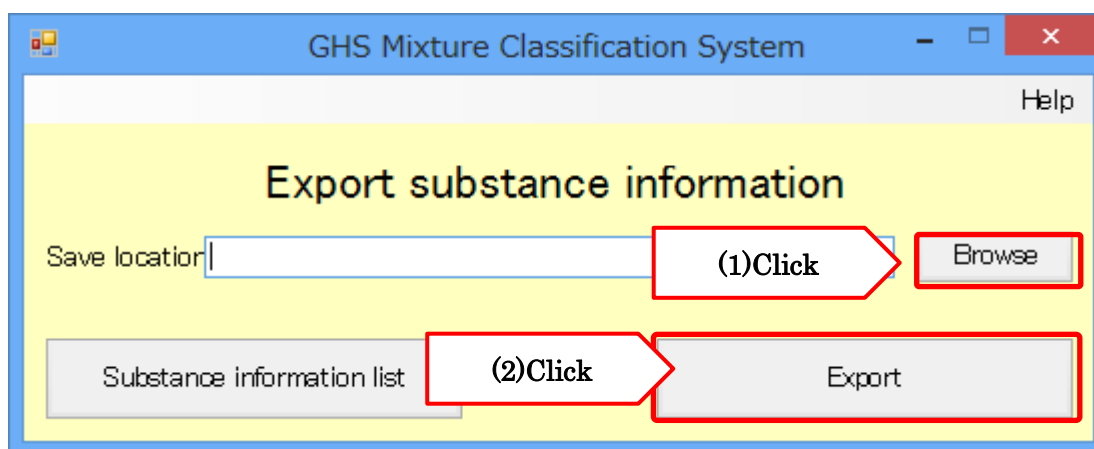
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(2) You can check registered content by clicking the “Details” button (1) for each substance shown in the search results. Select the “Export” checkbox (2) for the corresponding substance and click the “Export” button (3).



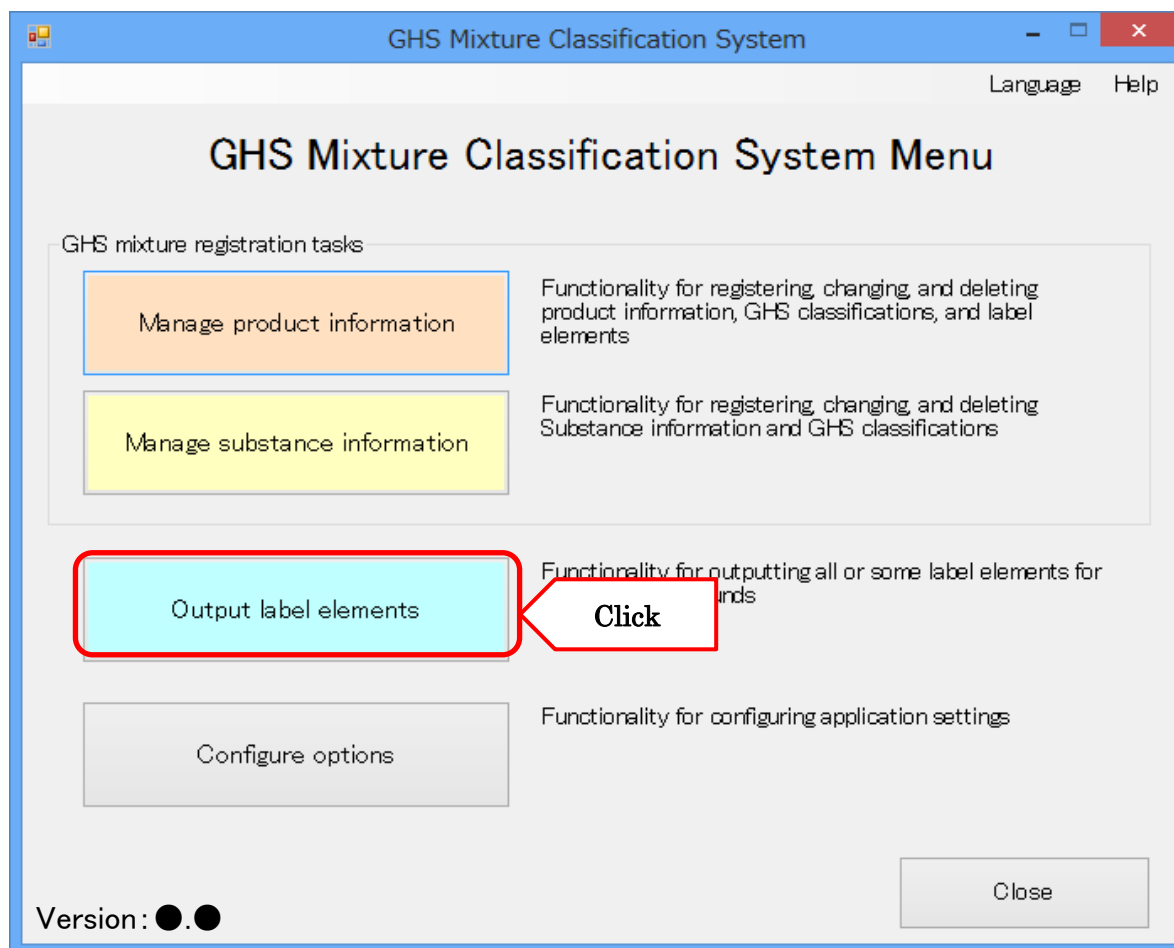
GHS Classification System Operating Manual

(3)A dialog box asking you to select the location in which to save the file will be displayed. Click the “Browse” button (1), specify the desired folder, and click the “Export” button (2) to save the substance information in the specified folder.



5.3. Outputting Label Elements

The “Output Label Elements” button provides access to functionality for outputting label elements created for product information as an Excel or text (TSV) file. Click the “Output Label Elements” button on the menu to use this functionality.



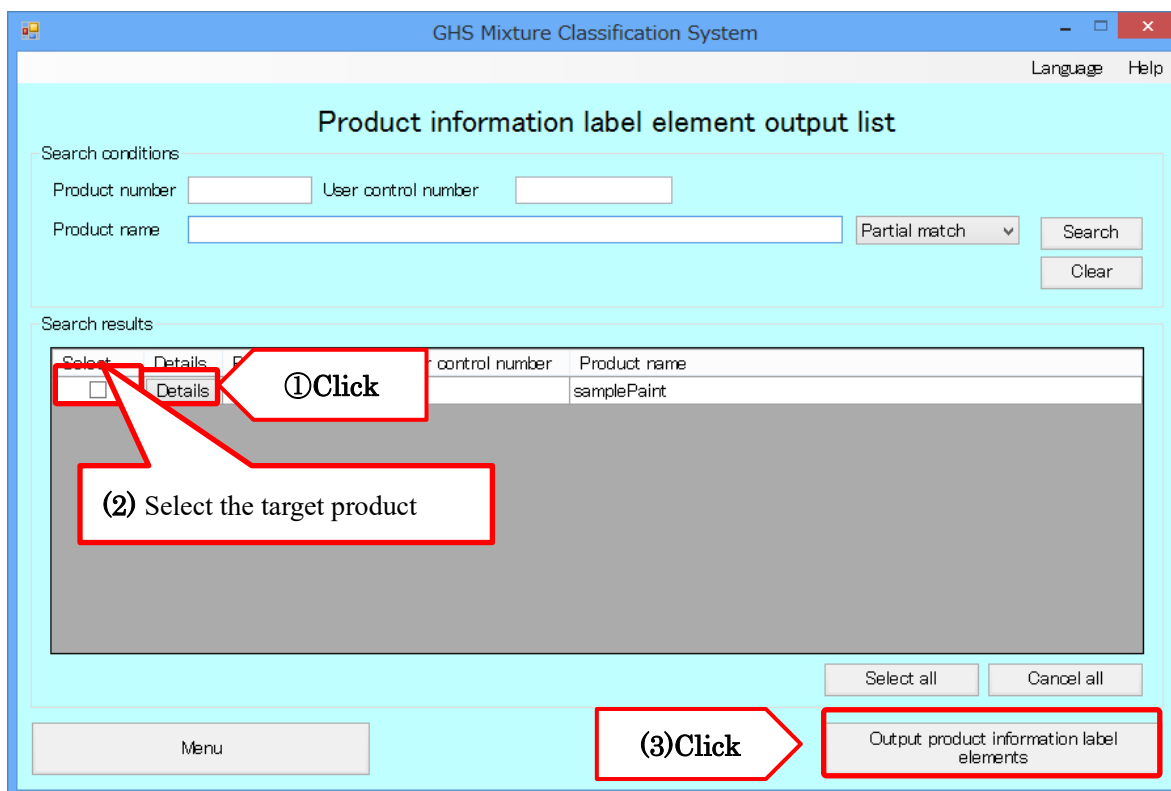
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(1) This functionality allows you to output label elements created using the system's product information management functionality. Enter the product information for which you wish to output label elements under "Search conditions" (1) and click the "Search" button (2) to display the target product information.

The screenshot displays the 'GHS Mixture Classification System' window. The main title is 'product information label element output list'. A red box labeled '(1) Search conditions' highlights the input fields: 'Product number', 'User control number', and 'Product name'. A 'Partial match' dropdown menu is also present. A red arrow labeled '(2) Click' points to the 'Search' button. Below the search fields is a 'Search results' section with a table header: 'Select', 'Details', 'Product number', 'User control number', and 'Product name'. The table body is currently empty. At the bottom of the window, there are buttons for 'Menu', 'Select all', 'Cancel all', and 'Output product information label elements'.

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(2) You can check registered content by clicking the “Details” button (1) for each product shown in the search results. Select the “Select” checkbox (2) for the corresponding product and click the “Output Product Information Label Elements” button (3).

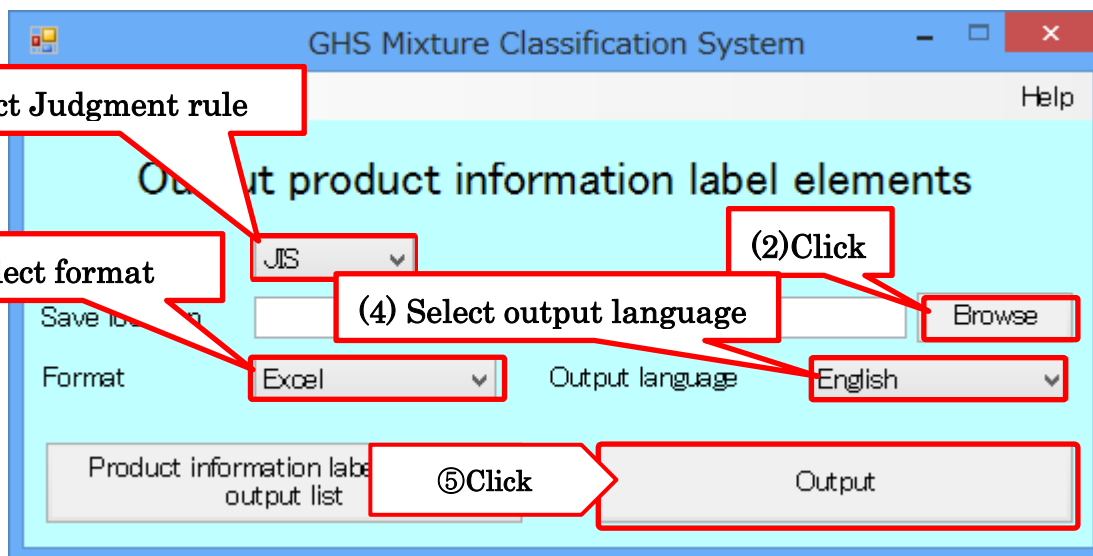


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(3) A dialog box asking you to select the location in which to output the product information label elements will be displayed.

Then select the judgement rule (either JIS or UN)(1) and click the “Browse” button(2) and specify the desired folder.

Then select the format (either Excel or TSV)(3), output language (either Japanese or English)(4) and click the “Output” button(5) to save the product information label elements in the specified folder.



If you want to output in another language with the language at the time of registration, "A product for which label information with the specified output language does not exist has been selected." is Display.

In this case, register the product name of the output language of your choice.

How to register, see "Registering Product Information" (P.14).

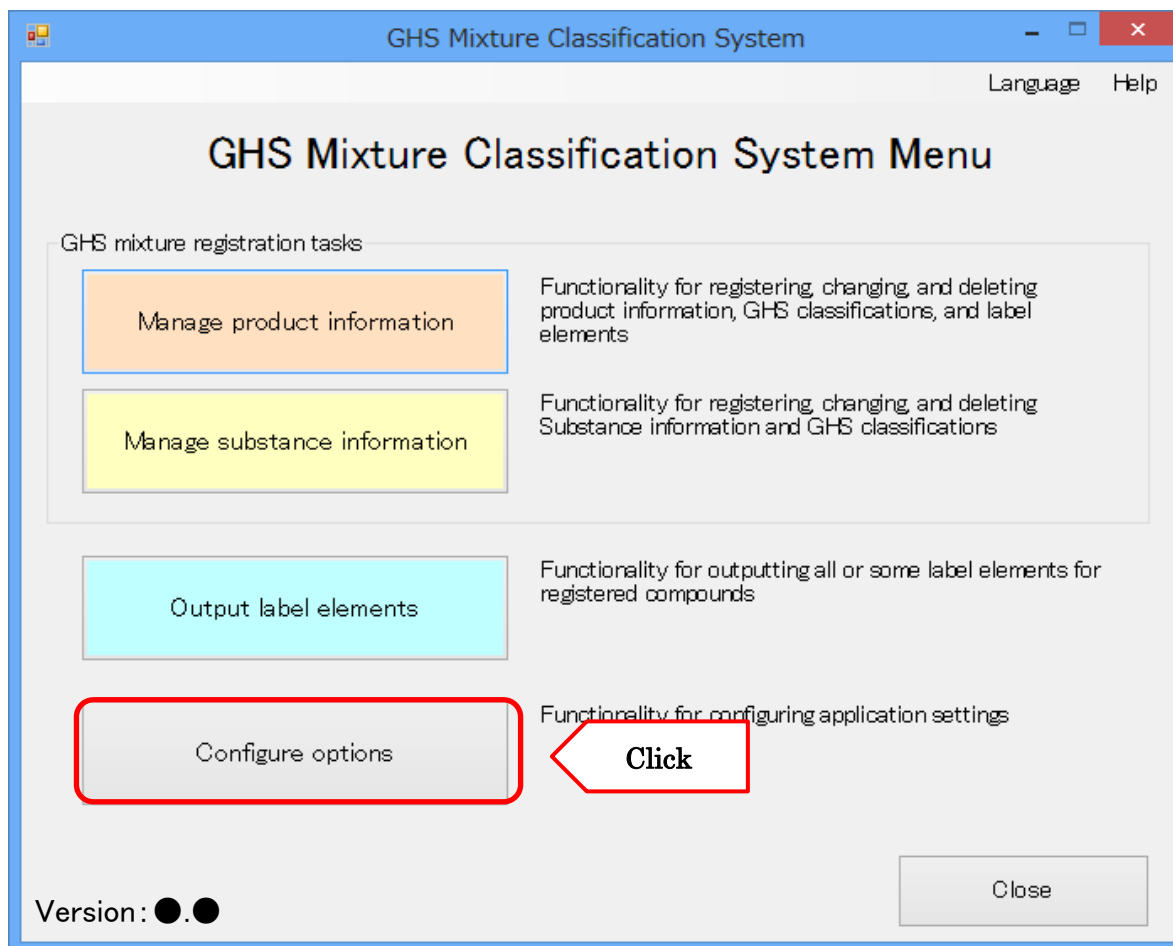
*There is a possibility that the contents may protrude from the print area to be output in Excel format.

In that case, please adjust the print area by the user.

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5.4. Configuring options

The “Configure options” button provides access to functionality for changing and configuring system settings. Click the “Configure options” button on the menu to use this functionality.



5.4.1. Configuring Company Information

Enter the company information to output on label elements.

(Company name(required),postal code(required), Address(required),Phone number(required),Fax number)

If you want to output the label element in Japanese, switching language to Japanese in the language selection at the top right of the screen and enter your company information in Japanese.

Note: If your company information has not been entered in both Japanese, English, and is not described as input to the label element.

Configure options

Company information

Company name: sample CO., LTD

Postal code: 100-8901 *Enter using single-byte characters and include the hyphen.

Address: Chiyoda-ku, Tokyo 1-3-1 Kasumigaseki

Phone number: 81-3-9999-9999 *Enter using single-byte characters and include the hyphen.

Fax number: 81-3-9999-9999 *Enter using single-byte characters and include the hyphen.

GHS classification

	Display order	Source	Description		
Delete	1	NITE		△	▽
Delete	2	sample		△	▽

In the same substance number, use lower-priority sources if the composition classification result is "No data" or "Classification not possible"

For specific target organ toxicity, group organs in the same system.

Label elements

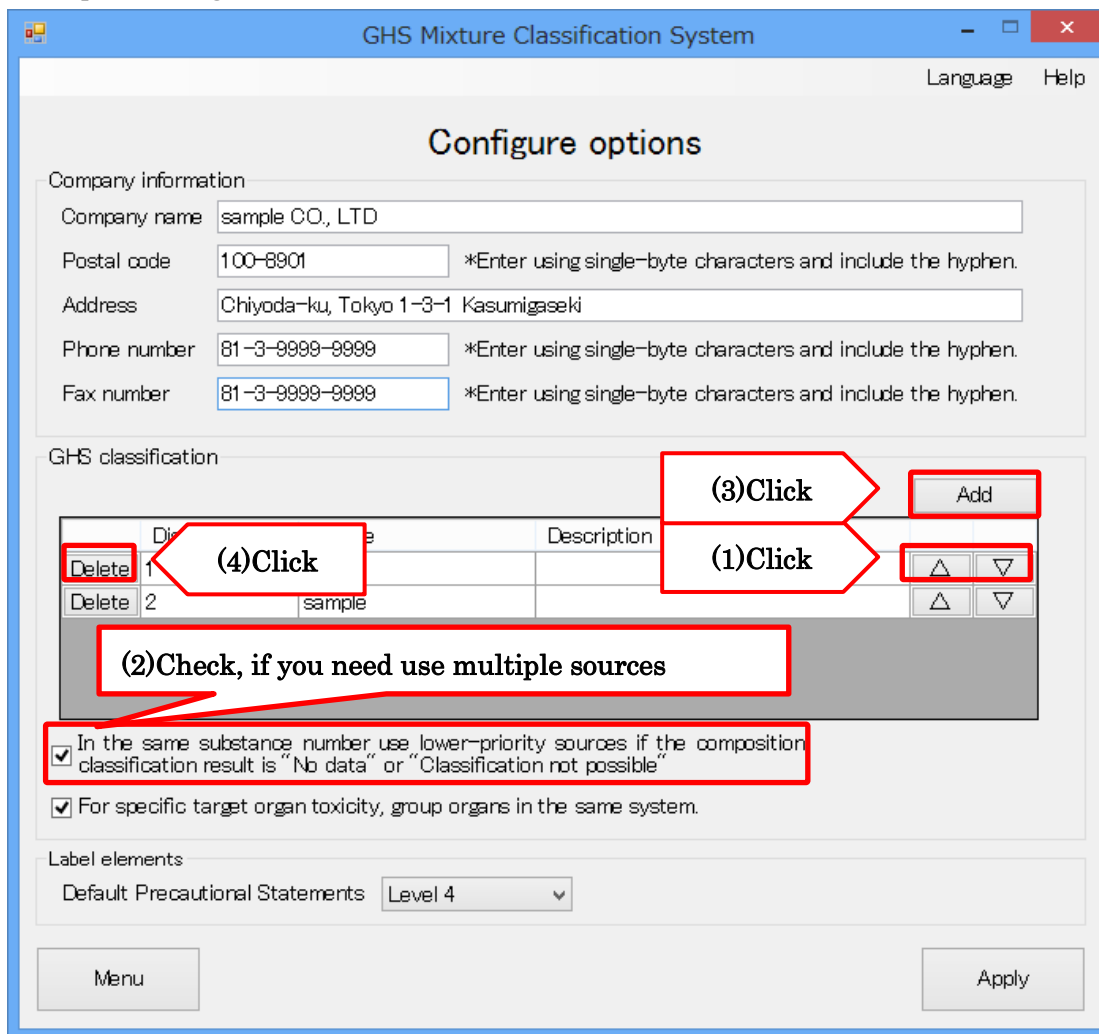
Default Precautional Statements: Level 4



Buttons: Menu, Apply

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5.4.2. GHS Classification Source Information

Set the classification order of priority to use for the GHS classification result information registered in the system when performing classification. You can also add and delete GHS classification information.



- (1) Change the order of priority: Clicking the “” button for each source moves it up one level in the order of priority. Clicking the “” button moves it down one level in the order of priority.
- (2) Use multiple sources: To check classification results according to the order of priority when the classification result is “No data,” select the “Use lower-priority sources if the composition classification result is ‘No data’” checkbox.
- (3) Add GHS classifications: To register GHS classification information announced by NITE or GHS classification information that you have accumulated in-house as source information, click the “Add” button.
- (4) Delete GHS classifications: To delete previously registered GHS classification information, click the “Delete” button for the corresponding source information.

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5.4.3 Combining Organ Names for Specific Target Organ Toxicity

This section describes how to configure functionality for combining organ names for specific target organ toxicity in the GHS classification that is output by the system.

The screenshot shows the 'Configure options' window of the GHS Mixture Classification System. It is divided into three main sections: 'Company information', 'GHS classification', and 'Label elements'. The 'Company information' section includes fields for Company name, Postal code, Address, Phone number, and Fax number. The 'GHS classification' section features a table with columns for 'Display order', 'Source', and 'Description'. Below the table is a checkbox labeled '(1) Check' which is checked and highlighted with a red box. The 'Label elements' section includes a dropdown for 'Default Precautional Statements' set to 'Level 4'. Buttons for 'Menu' and 'Apply' are located at the bottom.

	Display order	Source	Description
Delete	1	NITE	
Delete	2	sample	

For specific target organ toxicity, group organs in the same system. (1)Check

(1)Combine organ names: Select this checkbox to combine organ names when they appear in the same category as a result of GHS classification. For more information about combining organ names, refer to “Combining Organ Names.”

5.4.4. Default Precaution Refinement Level

Set the default level of precautional statements to use when creating label elements. The level can also be changed when creating label elements, but changes made at that time are only valid for the products for which they were created.

The screenshot shows the 'Configure options' dialog box in the 'GHS Mixture Classification System'. The dialog is divided into several sections:

- Company information:** Fields for Company name (sample CO., LTD), Postal code (100-8901), Address (Chiyoda-ku, Tokyo 1-3-1 Kasumigaseki), Phone number (81-3-9999-9999), and Fax number (81-3-9999-9999). Each number field has a note: '*Enter using single-byte characters and include the hyphen.'
- GHS classification:** A table with columns 'Display order', 'Source', and 'Description'. It contains two rows: one with 'NITE' and one with 'sample'. Each row has 'Delete' and 'Add' buttons. An 'Add' button is also present above the table.
- Checkboxes:** Two checked options: 'In the same substance number use lower-priority sources if the composition classification result is "No data" or "Classification not possible"' and 'For specific target organ toxicity, group organs in the same system.'
- Label elements:** A section highlighted with a red box, containing a dropdown menu for 'Default Precautional Statements' currently set to 'Level 4'.

Buttons for 'Menu' and 'Apply' are located at the bottom of the dialog.