



# AJCSD USER'S MANUAL

## ASEAN-Japan Chemical Safety Database

### Contents

Introduction	1
About AJCSD	4
<b>PART 1 Operation</b>	<b>6</b>
Conducting Searches Using AJCSD	
<b>PART 2 Screen Explanations</b>	<b>22</b>
Menu	23
Search (Multilingual)	24
Enter Search Conditions (General Search)	25
Enter Search Conditions (Search Options)	27
Interim Search Results (AJCSD_ID based)	30
Selecting List	32
List Stage One (Decree number etc based)	33
List Stage Two (AJCSD_ID based)	34
Search Results	35





# Introduction

This manual is an operation manual for users of the ASEAN-Japan Chemical Safety Database (AJCSD; hereinafter "this/the system").

Part 1, "Operation: Conducting Searches Using the AJCSD", is for those who are using this system for the first time. This section walks you through commonly used searches, providing search tips and helping you master the system quickly.

Part 2, "Screen Explanations", is for those who already have experience with the system. Refer to this section as necessary when you want to learn about the functions of buttons or the meanings of displays on each screen. Part 2 provides the similar information as "How to use" on the screen.

Note that this manual presumes that you have already mastered basic PC operations and browser operations (clicking, screen scrolling, selecting pull-down menu items, selecting check boxes, switching browser tabs, moving to link destinations, etc.).

## Operating environment

The operation of this system is checked using the following browser software. If your system does not meet the following conditions, the site may not fully function.

- Browser
  - Internet Explorer 11
  - Google Chrome (recommended Chrome version: 47)
- Display
  - Resolution 1024 x 768 pixels or greater (recommended 1280 x 1024)
- About the use of cookies
  - Our website includes a page that uses a technology called cookies. The use of cookies is limited to when AJCSD is displayed, and does not result in the collection of personal information. When the use of cookies is restricted, the website may not function.
- About the use of JavaScript
  - Set your Web browser to allow the execution of JavaScript.

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The AJCSD is operated by the National Institute of Technology and Evaluation (hereinafter referred to as "NITE"). The use of the AJCSD is subject to the following terms of use. It should be noted that the present Terms of Use are subject to change without notice. At the time of the AJCSD use, please check the latest Terms of Use contents. The AJCSD allows you to link to other websites operated by external organizations. When you use the external websites, please use them in accordance with the respective conditions of use.

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Information you give us

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- Internet Protocol (IP) address;
- The Internet Domain name;
- Query information by Google custom search;
- Other information related to visiting the AJCSD

Cookie (A packet of data sent by an Internet server to a browser, which is returned by the browser each time it subsequently accesses the same server, used to identify the user or track their access to the server), when you access the page which is used.

(2) We would like to ask you to fill in your name, e-mail address, your comment when you use the inquiry form.

## **Terms of Use**

(1) Consent to the Terms of Use

By using the AJCSD, any information derived from the AJCSD (the “Information”), or any data derived from the AJCSD (the “Data”), you are deemed to accept these Terms of Use.

(2) Discrepancy

If any discrepancy should occur between the Disclaimer and these Terms of Use in the Website,

the Disclaimer shall prevail.

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### (8) About CAS Registry Numbers

The CAS Registry Numbers® are the intellectual property of the American Chemical Society, Chemical Abstracts Service (CAS) division; and are used by NITE (the operator of the AJCSD) with the express permission of CAS. Redistribution of CAS Registry Numbers is permitted only with the prior written permission of CAS.

## Technical remarks of use

- Chemical substance name: When a substance is registered as a generic substance group (example: \*\*\* compound, \*\*\* salt, or a substance having two or more isomers), precise information on each substance may, depending on search conditions, not be available in AJCSD.
- Characters of displayed name: Subscripts or italicized characters are displayed as standard characters. Superscripts are displayed in brackets. (Example:  $5^2 \Rightarrow 5(2)$ )
- To determine whether a substance is regulated by a certain law or not, please contact the relevant countries.
- Communications may be interrupted if we find that a large volume of data was transmitted or high traffic occurred within a certain amount of time.

# About AJCSD

## ■ System Overview

The ASEAN-Japan Chemical Safety Database (AJCSD) is developed by ASEAN countries and Japan under AMEICC Working Group on Chemical Industry which consists of representatives from ASEAN countries and JAPAN. The AJCSD is a free database and includes chemical regulatory information, GHS classification results, risk and hazard information, etc. The purpose of the AJCSD is to enhance transparency and to reduce compliance risk on chemical safety among those countries.

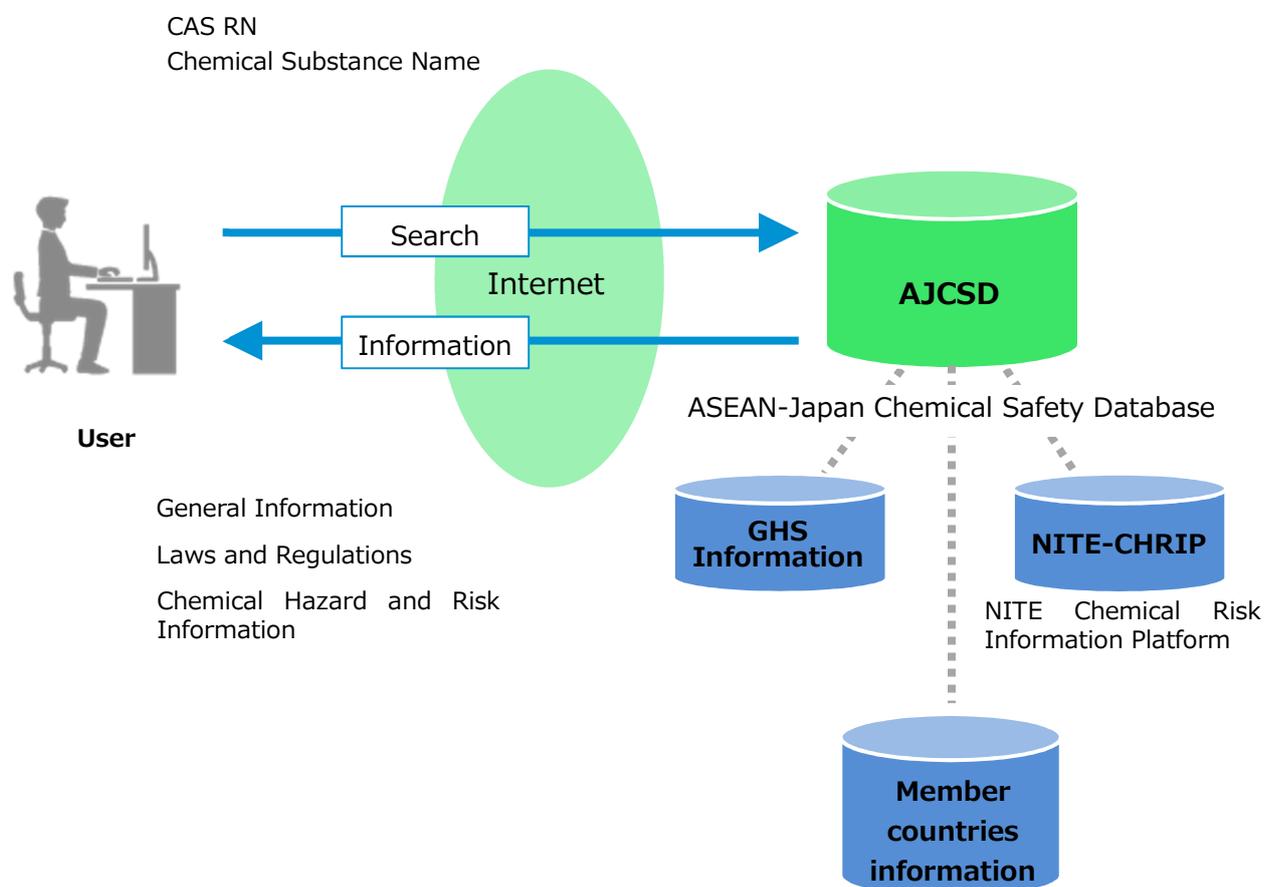
## ■ Features

### Regular Updates and Maintenance

The AJCSD contains the information of a lot of substances. The quality of the database is ensured by regular updates performed once every two months, and by a continual verification process.

### Ensuring a Reliable Database

The AJCSD provides reliable data published by international authorities.



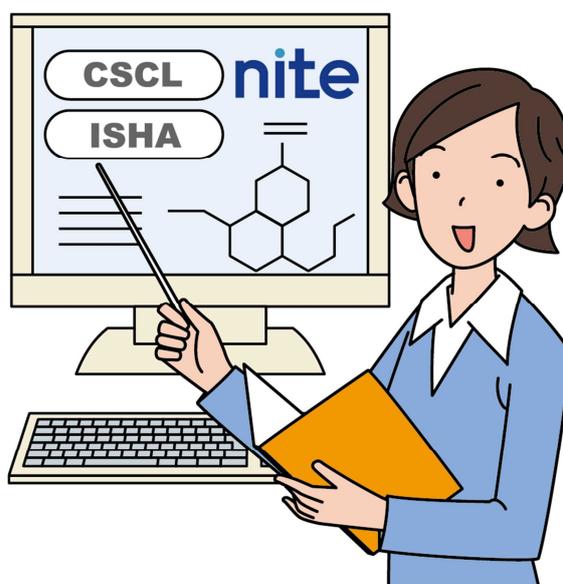


# PART 1 Operation

## Conducting Searches Using AJCSD

In Part 1, we will walk you through commonly used searches, in the order of 1 to 7 below, providing the AJCSD search tips and helping you master the system quickly.

- 1 Selecting language at the Menu Screen
- 2 Entering the CAS RN as the Search Condition
- 3 Executing a Search at Search (Multilingual)
- 4 Searching by Chemical Name at Advanced Search (English only)
- 5 Narrowing down the Search Conditions by Country
- 6 Selecting from Interim Search Results and Checking the Search Results
- 7 Creating a List of Chemical Substances Subject to Laws and Regulations



# 1

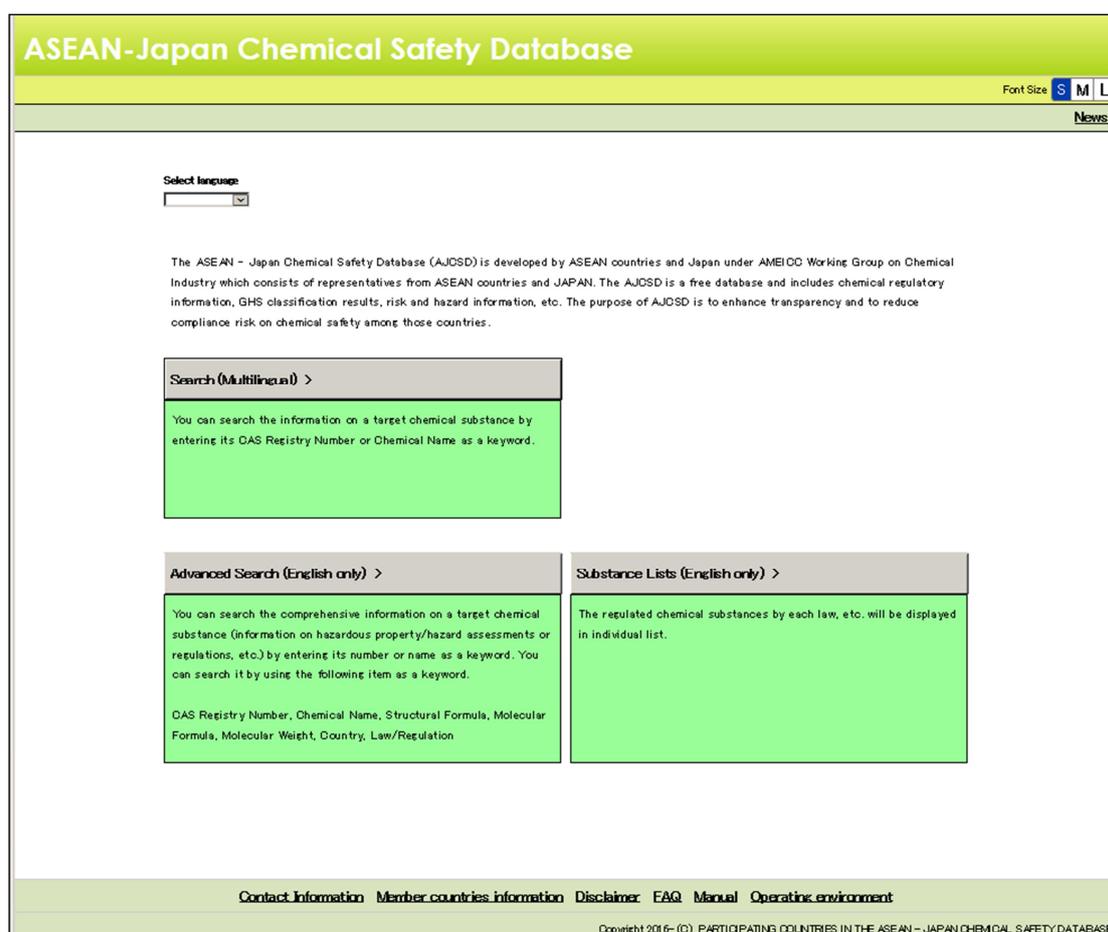
## Selecting language at the Menu Screen

At the Menu Screen of the AJCSD, you can select a language from Burmese, English, Indonesian, Japanese, Khmer, Lao, Malay, Standard Thai and Vietnamese.

### (1) Enter the URL of the AJCSD.

<http://www.ajcsd.org/>

The Menu screen appears.

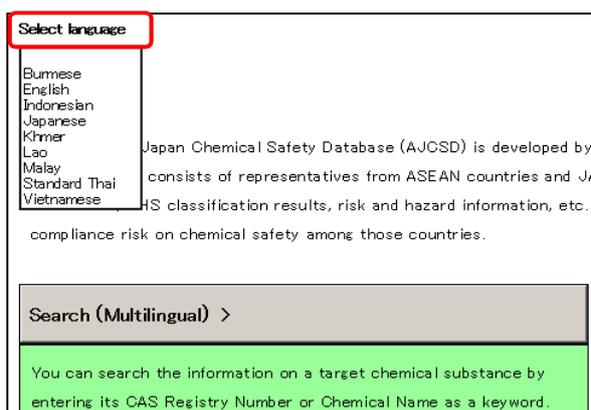


There are three ways to search at the AJCSD, Search (Multilingual), Advanced Search (English only), and Substance Lists (English only).

## (2) Select a language

Select a language to be displayed.

You can select Burmese, English, Indonesian, Japanese, Khmer, Lao, Malay, Standard Thai or Vietnamese.



Select language

- Burmese
- English
- Indonesian
- Japanese
- Khmer
- Lao
- Malay
- Standard Thai
- Vietnamese

Japan Chemical Safety Database (AJCSD) is developed by AMEICO, which consists of representatives from ASEAN countries and Japan. The database provides GHS classification results, risk and hazard information, etc. To ensure compliance risk on chemical safety among those countries.

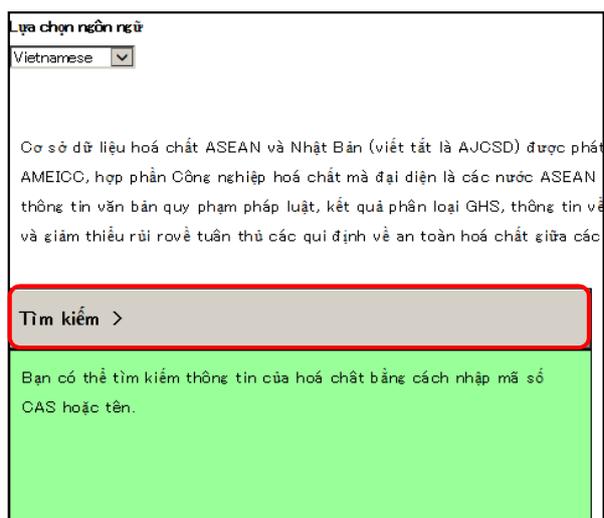
**Search (Multilingual) >**

You can search the information on a target chemical substance by entering its CAS Registry Number or Chemical Name as a keyword.

For example, if you select Vietnamese, the Menu screen is displayed in Vietnamese.

## (3) Select “Search (Multilingual)” (“Tìm kiếm” at the right figure)

If you would like to search in those languages besides English, you should use “Search (Multilingual)”.



Lựa chọn ngôn ngữ

Vietnamese

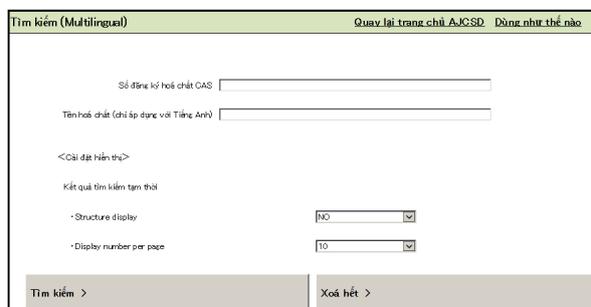
Cơ sở dữ liệu hoá chất ASEAN và Nhật Bản (viết tắt là AJCSD) được phát triển bởi AMEICO, hợp phần Công nghiệp hoá chất mà đại diện là các nước ASEAN. Thông tin văn bản quy phạm pháp luật, kết quả phân loại GHS, thông tin về việc giảm thiểu rủi ro về tuân thủ các qui định về an toàn hoá chất giữa các

**Tìm kiếm >**

Bạn có thể tìm kiếm thông tin của hoá chất bằng cách nhập mã số CAS hoặc tên.

You can search by CAS RN or chemical name in English.

How to search by CAS RN or chemical name is described later.



Tìm kiếm (Multilingual) Quay lại trang chủ AJCSD Dùng như thể nào

Số định ký hoá chất CAS

Tên hoá chất (chỉ áp dụng với Tiếng Anh)

<Cài đặt hiển thị>

Kết quả tìm kiếm tạm thời

• Structure display

• Display number per page

**Tìm kiếm >** **Xoá hết >**

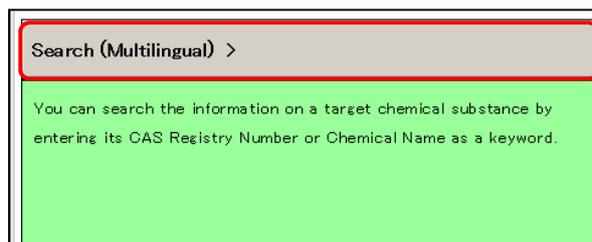
## 2

# Entering the CAS RN as the Search Condition

If you know the specific CAS RN, you can use "Search (Multilingual)" or "Advanced Search". The following instruction is the way to search by using "Search (Multilingual)" whether the chemical substance, whose CAS RN is "64-19-7", is regulated by laws of the participating countries.

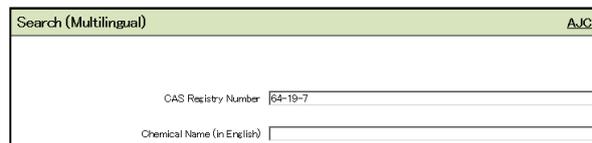
### (1) Select the way to search

Click "Search (Multilingual)" button.



### (2) Enter the CAS Registry Number

Enter "64-19-7" into the "CAS Registry Number" field.

A screenshot of a search form titled "Search (Multilingual)" with a "AJCS" logo in the top right corner. The form has two input fields. The first field is labeled "CAS Registry Number" and contains the text "64-19-7". The second field is labeled "Chemical Name (in English)" and is currently empty.

## 3

## Executing a Search at Search (Multilingual)

Execute a search and check the search results. For search result data items, refer to the descriptions.

### (1) Execute the search

After entering the CAS RN, click "Search" button.

Search (Multilingual) AJCSD To

CAS Registry Number

Chemical Name (in English)

<Display Setting>

Interim Search Results

• Structure display

• Display number per page

**Search >** Clear All >

The Search Results screen appears.

Here, Acetic acid (synonym: Ethanoic acid) is displayed.

General information (AJCSD\_ID, CAS RN, Chemical Substance Name, Structure, and the like) is displayed followed by information on laws and regulations.

Search Results To CHSP site

[Refresh the blank data](#) [To the latest data](#) [Download the search results](#)

**General Information**

General Information **Data Description**

AJCSD_ID	C084-684-47A	CAS No.	64-19-7
Chemical Substance Name	Acetic acid		
Molecular Formula	C2H4O2		
Molecular Weight	60.05		
Structure			

**Synonym**

Synonym **Data Description**

Synonym	acetic acid, of a concentration of more than 10 per cent, by weight, of acetic acid
	Ethanoic acid
	Ethylic acid
	Glycolic acetic acid
	Methanocarboxylic acid

1. Scroll the screen to check the information on "Laws and Regulations" of participating countries.

**Laws and Regulations**

**Cambodia**

Law on Controlling of Drugs, 2012

Law on Controlling of Drugs, 2012 **Data Description**

Category	Table IV ID
Substance name in English	Acetic Acid (Ethanoic)
Substance name in local language	អ៊ីត្រិក អ៊ីត្រិក ធុន អ៊ីត្រិក

Proclamation No. 110 MME on Management and Control of Use, Importation, Exportation and Distribution of Chemical Substances in Industrial Sector, 2004

Proclamation No. 110 MME on Management and Control of Use, Importation, Exportation and Distribution of Chemical Substances in Industrial Sector, 2004 **Data Description**

**Indonesia**

Government Regulation of the Republic of Indonesia Number 74 Year 2001 regarding Hazardous and Toxic Materials Management

Government Regulation of the Republic of Indonesia Number 74 Year 2001 regarding Hazardous and Toxic Materials Management **Data Description**

Category	Usable hazardous and toxic materials
Substance name in English	Acetic Acid
Substance name in local language	Asam Asetat

**Japan**

**Laos**

Decision on Substance and Industrial Chemical Management

Decision on Substance and Industrial Chemical Management **Data Description**

Category	Type II
Substance name in English	ACETIC ACID 60 %w/w
Substance name in local language	ອ៊ីត្រិក អ៊ីត្រិក ៦០%

**Malaysia**

Classification, Labelling and Safety Datasheet of Hazardous Chemical (CLASS) Regulation 2013

Classification, Labelling and Safety Datasheet of Hazardous Chemical (CLASS) Regulation 2013 **Data Description**

Substance name in English	Acetic acid
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Use and Standards of Exposure of Chemicals Hazardous to Health (USECHH) Regulation 2000

Use and Standards of Exposure of Chemicals Hazardous to Health (USECHH) Regulation 2000 **Data Description**

Category	Schedule I
Substance name in English	Acetic Acid

Myanmar	
Prevention of Hazard from Chemical & Related Substances Law	
List of Industrial Chemicals Data Description	
Substance name in English	Acetic Acid/Acetic Acid Glacial
Substance name in local language	မက်စစ်အက်စစ်/မက်စစ်အက်စစ်ဂလacial
Philippines	
Toxic Substances and Hazardous and Nuclear Wastes Control Act	
Toxic Substances and Hazardous and Nuclear Wastes Control Act Data Description	
Category	FDOS
Substance name in English	ACETIC ACID
Related Decree	-
Category	FDOS
Substance name in English	Acetic Acid Glacial
Related Decree	-
Category	FDOS
Substance name in English	ACETIC ACID, GLACIAL
Related Decree	-
Thailand	
Hazardous Substances Act	
Hazardous Substances Act Data Description	
Category	Type 8
Substance name in English	acetic acid
Condition	conc. 98.9% w/w
Vietnam	
Law on Chemical	
Law on Chemical Data Description	
Category	Annex I
Substance name in English	Acetic acid (Ethanoic acid; its esters)
Category	Appendix V
Substance name in English	Acetic acid (Ethanoic acid; its esters)
Category	Appendix VI
Substance name in English	Acetic acid (Ethanoic acid; its esters)

When you further scroll the screen, you can check "Chemical Hazard and Risk Information" (GHS Classification results and Sample SDS, etc.)

Chemical Hazard and Risk Information	
Japan	
GHS Classification Results by the Japanese Government	
GHS Classification Results by the Japanese Government Data Description, GHS Information	
Year of implementation / renewal	2009 latest
Chemical Substance Name	Acetic acid
Classification Result	Classification Result
Year of implementation / renewal	2009 -
Chemical Substance Name	Acetic acid
Classification Result	Classification Result
Sample SDS	
Sample SDS (Wako) Data Description	
Company name	Wako Pure Chemical Industries, Ltd.
Language	English
Sample SDS	<a href="#">From Japan CAS 84-18-12(WAKO) WAKO CHEMICAL for Japan</a>
Malaysia	
GHS Classification Results by the Malaysian Government	
GHS Classification Results by the Malaysian Government Data Description, ELSA, ESSA, User Guide and Printing Instruction of ELSA, User Guide and Printing Instruction of ESSA	
Chemical Name	Acetic acid
Classification Result	GHS Classification Result in Malaysia

2. Click "Data Description" link.  
A corresponding description of the item appears.

Cambodia	
Law on Controlling of Drugs, 2012	
Law on Controlling of Drugs, 2012 Data Description	
Category	Table IV (D)
Substance name in English	Acetic Acid (Glacial)
Substance name in local language	អាក់ស៊ិក អាក់ស៊ិក ក្លាស៊ិកាល

Once you have checked the information, close the tab of the data description screen to return to the original screen.

Cambodia	
Law on Controlling of Drugs, 2012	
Laws and regulations Overview	
The Law aims to protect the public health from drugs, and lays down the measure for controlling of drug and provides the list of prohibited and restricted chemicals that can be used as a drug for medical, pharmaceutical sector as also the table of precursors can be used in industrial manufacturing sector which under the responsibility of the Ministry of Health and the Ministry of Industry and Handicraft respectively. Article 14: Ministry of Health has been authorized by the Government for providing license or permission and controlling of all legal activities related to drugs as listed in table I, II and III as annex of the Law. Article 15: Ministry of Industry and Handicraft has been authorized by the Government for providing license or permission and controlling of all legal activities related to drugs as listed in table IV for industrial sector.	
Category	
- TableV (1)	
- TableV (2)	

## (2) Return to the Menu screen

The search based on the CAS RN is now complete.

Click "AJCSD Top" link to return to the Menu screen.

Total Search	
Menu >>>Help	Search >>>Help
Enter in Search Results >>>Help	Search Results >>>Help
AJCSD Top	
How to use News	

Instructions continue on P. 13, "4 Searching by Chemical Name".

ASEAN-Japan Chemical Safety Database	
Font Size S M L News	
Select language	
The ASEAN - Japan Chemical Safety Database (AJCSD) is developed by ASEAN countries and Japan under AMEDCO Working Group on Chemical Industry which consists of representatives from ASEAN countries and JAPAN. The AJCSD is a free database and includes chemical regulatory information, GHS classification results, risk and hazard information, etc. The purpose of AJCSD is to enhance transparency and to reduce compliance risk on chemical safety among these countries.	
Search (Multilingual) >	
You can search the information on a target chemical substance by entering its CAS Registry Number or Chemical Name as a keyword.	



## **When are search results not produced?**

### **When no information is found**

When there is no information tied to the keyword(s), search results do not appear.

The message, "There is no target data." appears.

### **When the CAS No. format is wrong**

When the format of the CAS No. is wrong, search results do not appear.

The message, "There is an error in the input data." appears.

### **When the number of CAS No. hits exceeds 5000.**

The message, "Search result number of CAS number exceeds to 5000. Please review the search criteria." appears. Narrow down your search conditions by entering multiple keywords, each separated by a space, in your search by name.

## 4

## Searching by Chemical Name at Advanced Search (English only)

Searches using a CAS RN do not always find regulatory information. When this happens, conduct a search using a chemical name. You can use both "Search (Multilingual)" and "Advanced Search". The following instruction is the way to search "1-Chloro-2,3-epoxypropane" by keywords by using "Advanced Search".

### (1) Select the way to search

Click "Advanced Search (English only)" button.

Then, the "Enter Search Conditions" screen appears.

### (2) Enter search keywords

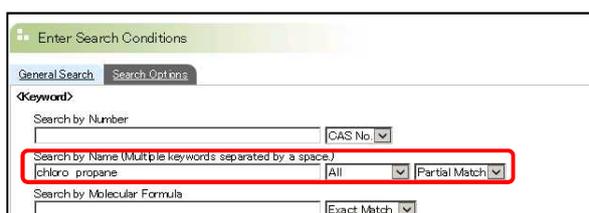
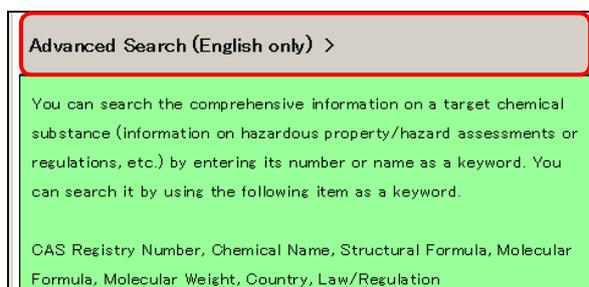
1. You can search with multiple keywords, each separated by a space. Here, enter "chloro" and "propane".

2. Select the name type.

"All" is selected by default, and therefore there is no need to make any changes.

3. Select the search conditions.

"Partial Match" is selected by default, and therefore there is no need to make any changes.



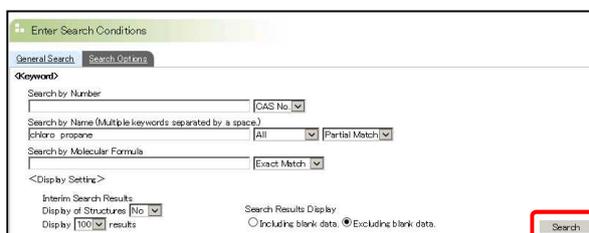
### (3) Execute the search

Click "Search" button.

If there are multiple search results, the Interim Search Results (AJCSD\_ID based) screen appears.

In the right picture, the system found 997 hits.

- The search keywords are displayed in red in the chemical substance names.
- When there are too many hits, you can narrow down your search conditions by adding search conditions or specifying a category using "Re-search Condition Input" at the bottom of the page.
- You can sort the results in ascending/descending order by clicking ▲▼.
- You can select the number of items (10, 30, 50, 100, 200, or 500) to be displayed on one page or select the display range (item numbers X-X of X items currently displayed) from the pull-down menu.
- You can turn the pages using << Previous Page and Next Page >>.



No.	CAS No.	Chemical Substance Name
1	0085-701-81A	Propane, 2-chloro-
2	0084-701-56A	1,2-Dichloropropane
3	0084-453-23A	Dibromochloropropane
4	0084-722-13A	1,2,3-Trichloropropane
5	0084-929-57A	1,2-Dichloropropane-2-ol and preparations containing it
6	0084-921-93A	3-Chloropropane-1,2-diol
7	0084-663-85A	1-Chloro-2,3-epoxypropane
8	0077-539-17A	1-Dimethylamino-2-chloropropane
9	0084-790-19A	2,2-Dichloro-1-methoxypropane
10	0084-468-08A	Mixture of reaction products of (polycondensation products of 1-chloro-2,3-epoxypropane / 4,4'-epoxy-2,2'-biphenyl) and mixture of 2,2,4-trimethylhexane-1,3-diamine and 2,4,4-trimethylhexane-1,3-diamine) and mixture of 2,2,4-trimethylhexane-1,3-diamine and 2,4,4-trimethylhexane-1,3-diamine) and phenol
11	0010-592-67A	1-Chloro-3-(N,N-dimethylamino)propane
12	0084-818-34A	1-Bromo-3-chloropropane
13	0085-492-84A	Chloro(hydroxypropyl)etherified poly(hydroxyalkoxyethylene ethoxypropylene ethoxypolypropylene ethoxypolybutadiene ethoxyacrylate)
14	0085-495-57A	1,1,1,2-Tetrachloro-3-(2,3,3,3-tetrachloropropoxy)propane
15	0080-538-61A	Hg-Chlorophenyl-1-(2'-pyridyl)-3-(N,N-dimethylamino)propane
16	0084-725-75A	1,3-dichloropropane
17	0085-348-89A	1,2-Dichloro-3-(4-chloro-1,1,2-trifluoroethoxy)propane
18	0010-598-81A	1,2-Dichloro-2-fluoropropane
19	0015-492-89A	Monochlorodifluoropropane
20	0015-492-76A	Monochlorodifluoropropane
21	0015-492-19A	Pentachlorodifluoropropane
22	0015-491-84A	Hexachlorodifluoropropane
23	0010-679-85A	1,2-Dichloro-1,1,2,3-pentachloropropane
24	0010-691-61A	2,3-Dichloro-1,1,2,3-pentachloropropane
25	0015-491-95A	Pentachlorodifluoropropane
26	0015-492-88A	Tetrachlorotrifluoropropane
27	0010-679-16A	1,3,3-Trichloro-1,1,2,2-tetrafluoropropane
28	0010-152-85A	1-Chloro-1,1,2,2,3-pentafluoropropane
29	0015-558-80A	3,3-Dichloro-1,1,1,2,2-pentafluoropropane
30	0017-152-24A	3-Chloro-1,1,1,2,2,3-hexafluoropropane

## 5

## Narrowing down the Search Conditions by Country

When there are so many hits at the Interim Search Result, you can search again by adding another keyword or narrowing down the subject by category, such as country. The following instruction shows the way to narrow down the subject by country.

### (1) Enter the Re-search Condition Input

① Scroll down the screen.

Re-search Condition Input screen appears.  
The preceding search keyword appears in the input field.

96	C006-936-23A	13474-88-9	Propanonitrile, 3-ethyl-4-(2,6-
97	C013-009-30A	14064-10-9	1,1-Dichloro-1,2,2,3,3-pentafluor
98	C010-600-82A	14624-19-2	Propanedioic acid, chloro-, dieth
99	C006-584-39A	14929-11-4	Acetic acid, chloro-, 2,2-dimethy
100	C007-190-66A	15104-61-7	1, 3-Propanediolbis [2-(p-chbro
			Propane, 1,1,2,3,3-pentachbro-

<< Previous Page | 1-100 / 997 | Next Page >>

**Re-search Condition Input**

It is possible to add another search condition.

General Search | Search Options

<Keyword>

Search by Number:  CAS No.

Search by Name (Multiple keywords separated by a space.):  
chloro propane | All | Partial Match

Search by Molecular Formula:  Exact Match

② Select check boxes of some countries listed in "Laws and Regulations"

- In this example, all participating countries besides Japan are selected. The information sources are hierarchically arranged by category. If you select the superior category, all the inferior items will be selected.
- Clicking  button closes the lower items and changes  to . Clicking  button opens the lower items.

<Search by Category>

Clear All | Open All | Check All | Uncheck All

- Laws and Regulations
  - Cambodia
  - Indonesia
  - Japan
  - Laos
  - Malaysia
  - Myanmar
  - Philippines
  - Thailand
  - Vietnam
- Chemical Hazard and Risk Information
  - Japan
  - GHS Classification Results by the Japanese Government

### (2) Execute Re-search

① Click "Search".

Exact Match

Search Results Display

Including blank data.  Excluding blank data.

The substances regulated in the selected countries are displayed at the Interim Search Results (AJCSD\_ID based) screen. If the substance is regulated in any one of these countries, it is hit.

In this example, the Interim Search Results are narrowed down from 997 hits to 211 hits.

No.	AJCSD_ID	CAS No.	Chemical Substance
1	C005-181-87A	75-29-6	Propane, 2-chloro-
2	C004-701-26A	78-87-5	1,2-Dichloropropane
3	C004-659-29A	96-12-8	Dibromochloropropane
4	C004-722-18A	96-16-4	1,2,3-Trichloropropane
5	C004-820-67A	96-23-1	1,3-Dichloropropane-2-ol and preparations containing it
6	C004-821-99A	96-24-2	3-Chloropropane-1,2-diol
7	C004-663-35A	106-89-8	1-Chloro-2,3-epoxypropane
8	C004-790-10A	108-60-1	2,2'-Oxybis(1-chloropropane)
9	C004-666-08A	108-95-2	Mixture of reaction products of [polycondensation product 4,4'-[Glyoxal-2,2-bis(phenol)] and (mixture of 2,2,4-trimethylhexane-1,5-diamine) and (mixture of 2,2,4,4-trimethylhexane-1,5-diamine) and phenol
10	C004-816-34A	109-70-6	1-Bromo-3-chloropropane
11	C005-492-84A	112-26-5	Chlorohydrin-polyetherified polyhydric alcohol(ethylene glycol)trimethylolpropane glycerin)
12	C005-495-67A	127-90-2	1,1,1,2-Tetrachloro-3-(2,3,3,3-tetrachloropropoxy)propane
13	C008-536-61A	132-22-9	1-(p-Chlorophenyl)-1-(2-pyridyl)-3-(N,N-dimethylamino)
14	C004-725-75A	142-28-9	1,3-dichloropropane
15	C019-686-01A	420-97-3	1,2-Dichloro-2-fluoropropane



## Technical Tips

Before clicking "Search" button, select "Yes" from the pull-down menu in the <Display Setting> field, then, you can see the structure in addition to the chemical substance name in the search results.

Search (Multilingual) AJCSD

CAS Registry Number

Chemical Name (in English)

<Display Setting>

Interim Search Results

Structure display  YES

Display number per page

Enter Search Conditions

General Search Search Options

<Keyword>

Search by Number  CAS No.

Search by Name (Multiple keywords separated by a space)  All  Partial Match

Search by Molecular Formula  Exact Match

<Display Setting>

Display of Structures  Yes

Display  results

Search Results Display  Including blank data.  Excluding blank data.

No.	AJCSD_ID	CAS No.	Chemical Substance Name	Structure
1	C005-181-87A	75-29-6	Propane, 2-chloro-	<chem>CC(Cl)C</chem>
2	C004-701-26A	78-87-5	1,2-Dichloropropane	<chem>CC(Cl)C(Cl)C</chem>
3	C004-659-29A	96-12-8	Dibromochloropropane	<chem>CC(Br)C(Br)C(Cl)C</chem>
4	C004-722-18A	96-16-4	1,2,3-Trichloropropane	<chem>CC(Cl)C(Cl)C(Cl)C</chem>

# 6

## Selecting from Interim Search Results and Checking the Search Results

When you find your target chemical substance on the Interim Search Results (AJCSD\_ID based) screen, click the number to check the information.

### (1) Check the search results

1. From the list of interim search results, find your target chemical substance, and click the number in the No. column.

Here, select "No. 7 1-Chloro-2,3-epoxypropane".

No.	AJCSD_ID	CAS No.	Chemical Substance Name
1	C885-181-87A	75-29-6	Propane, 2-chloro-
2	C884-701-26A	78-87-5	1,2-Dichloropropane
3	C884-459-23A	96-12-9	Dibromochloropropane
4	C884-322-18A	96-19-4	1,2-Dichloropropane
5	C884-926-57A	96-23-1	1,3-Dichloropropane-2-ol and preparations containing it
6	C884-921-89A	96-24-2	3-Chloropropane-1,2-diol
7	C884-469-85A	108-89-8	1-Chloro-2,3-epoxypropane
8	C887-639-17A	108-14-5	1-Dimethylamino-2-chloropropane
9	C884-789-18A	108-69-1	2,2'-Dibutyl-1-chloropropane
10	C884-468-88A	108-95-2	Mixture of reaction products of polycondensation products of 1-chloro-2,3-epoxypropane / 4,4'-diphenyl-2,2'-bis(phenyl) and mixture of 2,2'-trimethylhexane-1,6-diamine and 2,4,4'-trimethylhexane-1,6-diamine and phenol

2. The Search Results screen appears.

Following General Information, the screen displays Laws and Regulations, Chemical Hazard and Risk Information.

The screenshot shows the 'Search Results' page for '1-Chloro-2,3-epoxypropane'. It includes sections for 'General Information', 'Laws and Regulations' (with sub-sections for Japan and Malaysia), and 'Chemical Hazard and Risk Information'. The 'Laws and Regulations' section is expanded to show details for Japan, including 'Decision on Substance and Industrial Chemical Management' and 'Classification, Labelling and Safety Datasheet of Hazardous Chemical (GLASS) Regulation 2013'.

### (2) Return to the Menu screen

The search by name and verification of search results are now completed.

Click "AJCSD Top" link to return to the Menu screen.

The screenshot shows the bottom navigation bar with links for 'Menu', 'Search', 'Interim Search Results', 'Search Results', 'AJCSD Top', 'How to use', and 'News'. The 'AJCSD Top' link is highlighted with a red box.

Next, let's use another menu "Substance Lists".

Proceed to P. 19, "7 Creating a List of Chemical Substances Subject to Laws and Regulations".



## Searching by Structure

The Enter Search Conditions screen includes "General Search" and "Search Options". The display can be switched using the tabs. On "Search Options", you can conduct a search by structure.

1. On the Enter Search Conditions screen, click the "Search Options" tab.

The Search Options screen appears.

- The selected tab is displayed in light blue.

2. Click "Browse" button and select a structure file (extension mol or smi) created in advance.

Here, an example in which the file "Hydroquinone.mol" is selected is shown.

3. Select a format from the pull-down menu (MOL/SMILES) in accordance with the selected file format.

4. Click "Load" button.

A structural drawing appears in the right frame.

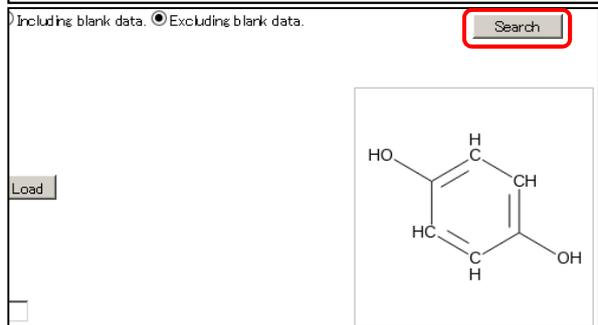
5. Click "Search" button.

The search results appear.

The screenshot shows the 'Enter Search Conditions' window with the 'Search Options' tab active. It features a 'Keyword' section with search-by-number and search-by-name options, and an 'Include any keywords' field.

This section shows the 'Search by Structure' options. The 'Structure File' dropdown is set to 'MOL(mol)' and 'Hydroquinone.mol' is selected. The 'Browse' button is highlighted with a red box. Search criteria include 'Partial Match', 'Exact Match', and 'Similarity'.

This section shows the 'Search by Structure' options. The 'Structure File' dropdown is set to 'MOL(mol)' and 'Hydroquinone.mol' is selected. The 'Load' button is highlighted with a red box. Search criteria include 'Partial Match', 'Exact Match', and 'Similarity'.



The screenshot shows the search results table with columns for No., A/CSD ID, CAS No., and Chemical Substance Name. The first row is highlighted.

No.	A/CSD ID	CAS No.	Chemical Substance Name
1	C105-433-22A	51-43-9	(S)-2-Amino-3-[4-(4-hydroxy-3,5-dihydroxy-3,5-dihydroxyphenyl)propanoic acid
2	C105-442-73A	79-74-5	2,5-di-tert-butylhydroquinone
3	C119-623-94A	81-54-0	1,2,4-trihydroxybenzene
4	C105-457-26A	81-84-1	1,4-Dihydroxyanthraquinone
5	C104-746-51A	83-79-4	Phenone
6	C108-333-93A	84-85-5	4-methyl-1-naphthol
7	C105-551-73A	89-32-4	3-tert-butyl-4-methoxyphenol
8	C105-488-78A	89-59-4	2,5-Di-tert-butylhydroquinone
9	C109-927-94A	89-82-7	2,5-dimethoxybenzaldehyde
10	C108-444-93A	94-95-9	2,5-dithiopyranine
11	C108-043-68A	95-71-6	2-Methylbenzenes-1,4-diol
12	C105-355-67A	102-55-7	2,5-dimethoxyaniline
13	C105-442-97A	103-16-2	Hydroquinone monobenzyl ether
14	C119-247-37A	104-89-9	1,4-dithiopyranene
15	C105-419-44A	104-101-1	O,O'-Di-C2-hydroxyetho-1,4-di-hydrobenzene
16	C108-993-71A	119-23-0	1,4-Dithioo-2-nitrobenzene



## Using Wild Cards Skillfully

Search Options allows you to conduct a search using more detailed conditions with the wild cards "\*" "?".

The asterisk "\*" matches any number of characters. The question mark "?" matches a single character.

Example: Search by number

"50\*" finds values such as "50-00-0" and "500-99-2".

"50-??-0" finds values such as "50-00-0" and "50-76-0".

- Keywords will be searched on an exact match search, if you do not use wild cards.
- When you search a chemical name including spaces, please put the name in double quotation marks (" ").

## 7

# Creating a List of Chemical Substances Subject to Laws and Regulations

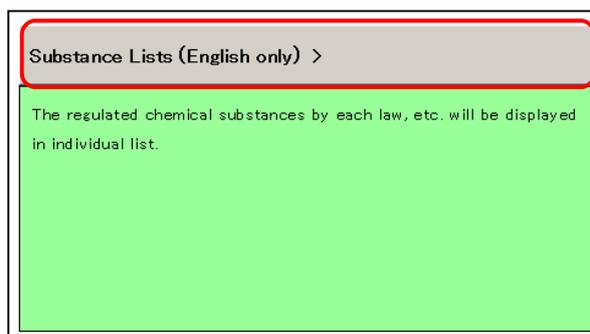
The previous sections described how to search by CAS RN or chemical name including keywords.

The following describes how to compare each country's chemical lists.

Let's try to search whether the substances regulated by "Law on Controlling of Drugs 2012" in Cambodia is regulated in other countries.

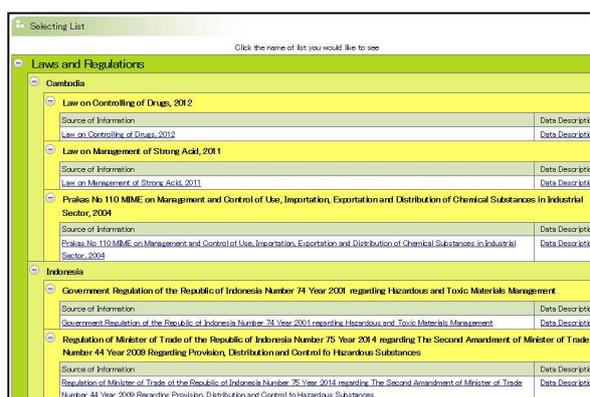
## (1) Select the way to search

Click "Substance Lists (English only)" button.



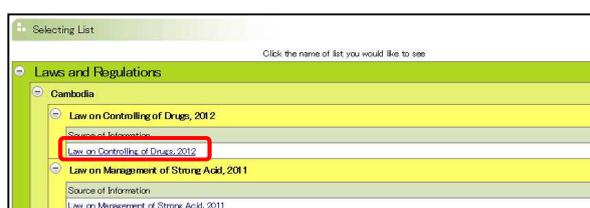
The Selecting List screen appears.

- The information sources are hierarchically arranged by category.
- Clicking  button closes the lower items and changes  to . Clicking  button opens the lower items.



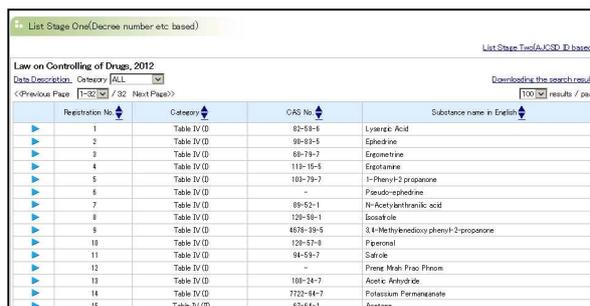
## (2) Select a list

Here, click "Law on Controlling of Drugs 2012" link.



A list of 32 cabinet order numbers and cabinet order names appear.

- You can sort the results in ascending/descending order by clicking .
- You can select the number of items (10, 30, 50, 100, 200, or 500) to be displayed on one page or the display range (item numbers X-X of X items currently displayed) from the pull-down menu.
- You can turn the pages using << Previous Page and Next Page >>.



Restriction No.	Category	CAS No.	Substance name in English
1	Table IV (D)	82-83-4	Livazolo Acid
2	Table IV (D)	98-83-5	Ephedrine
3	Table IV (D)	68-79-7	Ergometrine
4	Table IV (D)	111-18-5	Ergotamine
5	Table IV (D)	162-79-7	l-Phenyl-2-propranolol
6	Table IV (D)	-	Pseudoephedrine
7	Table IV (D)	89-82-1	N-Acetylphenanthroic acid
8	Table IV (D)	128-58-1	Isosafrole
9	Table IV (D)	4878-89-5	3,4-Methylenedioxy phenyl-2-propranolol
10	Table IV (D)	128-57-8	Piperonal
11	Table IV (D)	99-83-7	Safrole
12	Table IV (D)	-	Phenyl Meth. Prop. Phrom.
13	Table IV (D)	168-24-7	Acetic Anhydride
14	Table IV (D)	7722-84-7	Potassium Permanganate
15	Table IV (D)	67-64-1	Acetone

### (3) Switch to List Stage Two

Click "List Stage Two (AJCSD\_ID based)" link.

Here, a list of 32 chemical substances corresponding to "Law on Controlling of Drugs 2012" appears.

Law on Controlling of Drugs, 2012

Registration No.	Category	CAS No.	Substance name in English
1	Table IV(D)	82-84-6	Lysine Acid
2	Table IV(D)	99-89-5	Ephedrine
3	Table IV(D)	69-79-7	Ergometrine
4	Table IV(D)	119-15-5	Ergotamine
5	Table IV(D)	103-78-7	1-Phenyl-2-propanone
6	Table IV(D)	-	Pseudo-ephedrine
7	Table IV(D)	89-82-1	N-Acetylnorepinephrine acid
8	Table IV(D)	120-58-1	Isosorbide
9	Table IV(D)	4378-38-5	1-(4-Methylbenzoyloxy)phenyl-2-propanone
10	Table IV(D)	120-57-0	Piperonal
11	Table IV(D)	94-59-7	Safrole
12	Table IV(D)	-	Freeze Mark Free Filterum
13	Table IV(D)	189-24-7	Acetic Anhydride
14	Table IV(D)	7722-84-7	Potassium Permanganate
15	Table IV(D)	67-64-1	Acetone

Law on Controlling of Drugs, 2012

No.	AJCSD ID	CAS No.	Chemical Substance Name
1	C084-89-87A	69-79-7	Ethane, 1,1'-oxybis
2	C086-299-74A	69-79-7	Ergometrine
3	C084-894-47A	84-19-7	Acetic acid
4	C004-683-77A	67-64-1	Acetone
5	C084-861-76A	67-68-3	Chloroform
6	C084-878-83A	75-28-5	Acetyl chloride
7	C084-876-89A	78-93-3	Ethyl methyl ketone
8	C013-291-94A	43-84-6	Lysozyme acid
9	C086-337-98A	89-52-1	2-Selenolobenzonic acid
10	C025-431-97A	30-83-5	-
11	C085-820-72A	84-59-7	5-Alkyl-13-benzoxazole
12	C087-558-22A	103-79-7	Phenylketone
13	C084-866-97A	103-82-2	Phenylacetic acid
14	C084-878-92A	189-24-7	Acetic anhydride
15	C084-866-86A	108-88-3	Toluene

### (4) Compare with other regulations

Let's examine whether or not the 32 listed chemical substances are subject to other laws and regulations.

1. Click "Add list items" button.

The <Add list items> screen appears.

2. Select the check box for the item to be added.

Here, to compare in list format whether or not the chemical substances listed in Law on Controlling of Drugs 2012 are subject to the laws and regulations of ASEAN countries, select the check box for each item.

- 10 additional items can be specified, maximum.

Here, the following seven items are selected as an example.

- Government Regulation of the Republic of Indonesia Number 74 Year 2001 regarding Hazardous and Toxic Materials Management
- Decision on Substance and Industrial Chemical Management
- Toxic Substances and Hazardous and Nuclear Wastes Control Act
- Hazardous Substances Act
- Law on Chemical
- GHS Classification Results by the Malaysian Government
- GHS Classification Results by the Myanmar Government

Law on Controlling of Drugs, 2012

CAS No.	Chemical Substance Name
60-29-7	Ethane, 1,1'-oxybis
60-79-7	Ergometrine
84-19-7	Acetic acid
67-64-1	Acetone
67-66-3	Chloroform

<Add list items>

7 / 10

Presence or absence of data (information sources etc.)

- Law on Controlling of Drugs, 2012
- Law on Management of Strong Acid, 2011
- Proclamation No. 113/MOB on Management and Control of Use, Importation, Exportation and Distribution of Chemical Substances in Industrial Sector, 2014
- Government Regulation of the Republic of Indonesia Number 74 Year 2001 regarding Hazardous and Toxic Materials Management
- Regulation of Minister of Trade of the Republic of Indonesia Number 75 Year 2014 regarding The Second Amendment of Minister of Trade Number 44 Year 2003 Regarding Provision, Use, Labeling and Control for Hazardous Substances
- Regulation of Minister of Trade of the Republic of Indonesia Number 3 Year 2012 regarding Import Provisions of Ozone Depleting Substances
- Regulation of Minister of Industry of Republic of Indonesia Number 33 Year 2007 regarding Prohibition, Produce ozone depleting substances as well as producing goods that use of ozone depleting substances

- Act on the Prohibition of Chemical Weapons and the Control, etc. of Specific Chemicals (Chemical Weapons Prohibition Law)
- Act on the Protection of the Ozone Layer through the Control of Specified Substances and Other Measures
- Air Pollution Control Law
- Water Pollution Control Law
- Soil Contamination Countermeasures Act
- Law for the Control of Household Products Containing Harmful Substances
- Decision on Substance and Industrial Chemical Management
- Classification, Labeling and Safety Data Sheet of Hazardous Chemical (CLASS) Regulation 2013
- Use and Standards of Exposure of Chemicals Hazardous to Health (USECHH) Regulation 2006
- (Prohibition of Use of Substance) Order 1999
- List of Industrial Chemicals
- List of Restricted Chemical
- List of Prohibited Chemical
- Toxic Substances and Hazardous and Nuclear Wastes Control Act
- Republic Act 9165 Comprehensive Dangerous Drugs Act of 2002
- Hazardous Substances Act
- Law on Chemical
- GHS Classification Results by the Japanese Government
- GHS Classification Results by the Malaysian Government
- GHS Classification Results by the Myanmar Government
- Chemical Substances Hazard Assessment Report / 3rd Risk Assessment Report
- Japan MRLM Biodegradation and Bioconcentration Results
- Japan MRLM Toxicity Test Results
- Sample SDS (DSD)
- Sample SDS (MRLM)
- Sample SDS (Kanto Chemical)

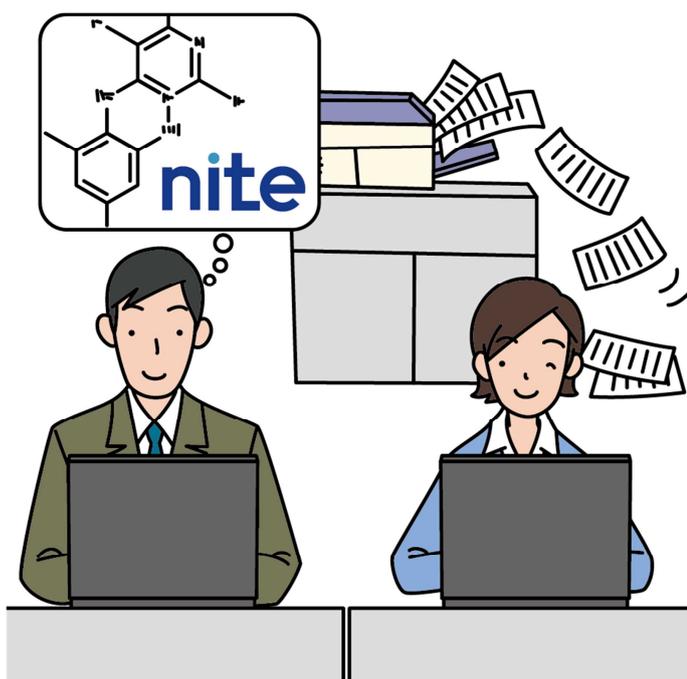
Number



# PART2 Screen Explanations

In Part 2, we will describe the functions and display items of each AJCSD screen. Read the description associated with the number. The information provided in Part 2 is the same as the information provided by "Help" on the screen.

Menu	23
Search (Multilingual)	24
Enter Search Conditions (General Search)	25
Enter Search Conditions (Search Options)	27
Interim Search Results (AJCSD_ID based)	30
Selecting List	32
List Stage One (Decree number etc based)	33
List Stage Two (AJCSD_ID based)	34
Search Results	35



## Menu

Entering the AJCSD URL displays the Menu.

<http://www.ajcsd.org/>

The screenshot shows the AJCSD website menu. At the top, there is a green header with the title "ASEAN-Japan Chemical Safety Database" and font size options (S, M, L). A "News" icon with the number 5 is in the top right. The main content area contains a language selection dropdown (1), a paragraph about the database, a "Search (Multilingual)" button (2) with a description, an "Advanced Search (English only)" button (3) with a description and search criteria, and a "Substance Lists (English only)" button (4) with a description. At the bottom, there are navigation links for Contact Information (6), Member countries information (7), Disclaimer (8), FAQ (9), Manual (10), and Operating environment (11). A copyright notice is at the very bottom.

- |   |  |
|---|--|
| ① Select language                         | Selects language   |
| ② "Search (Multilingual)" button          | Transitions to the "Search (Multilingual)" screen.   |
| ③ "Advanced Search (English only)" button | Transitions to the "Enter Search Conditions (General Search)" screen.  |
| ④ Substance Lists (English only) button   | Transitions to the "Selecting List" screen.  |
| ⑤ News                                    | Displays news on maintenance and updates on another screen.  |
| ⑥ Contact Information                     | Displays contact information of participating countries and "contact form" on another screen.                  |
| ⑦ Member countries information            | Displays useful links such as websites of regulatory authorities, laws and regulations etc. on another screen. |
| ⑧ Disclaimer                              | Displays the "Disclaimer" and the Terms of Use" etc. on another screen.  |
| ⑨ FAQ                                     | Displays frequently asked questions on another screen.   |
| ⑩ Manual                                  | Displays the manual.   |
| ⑪ Operating environment                   | Displays the operating environment on another screen.  |

\* ⑤ to ⑪ are common to all screens.

## Search (Multilingual)

This search allows you to search by keyword.

(CAS Registry Number and Chemical Name (in English))

### 1 CAS Registry Number

Enter the CAS Registry Number of the substance of interest to you. Half-sized digit and number with hyphen are available, but full-sized digit and number without hyphen are not available.

(Ex) 50-00-0:OK 50000 : N/A

### 2 Chemical Name (in English)

You can enter several keywords separated by a space. If you enter several keywords, you will retrieve substance names that include all of the multiple keywords.

### 3 Display Setting

#### Interim Search Result

You can select the display format of the Interim Search Result as indicated below.

- Structure Display Options: Select Yes or No from the pull-down menus to display structures in the Interim Search Result.
- Display-Number Limit: Select the maximum number of search results displayed on one page from the pull-down menu.

4 "Search" button                      Executes a search and transitions to the Interim Search Result or Search Result screen.

5 "Clear All" button                    Deletes the information entered at Search Multilingual.

## Advanced Search (English only)

### Enter Search Conditions (General Search)

This search allows you to narrow down your search conditions by keyword and category.

- When conditions are entered for "Search by Number", "Search by Name", and "Search by Molecular Formula", the system finds the substances applicable to all conditions.
- The search also allows you to narrow down the substances to be found in advance using "Search by Category".

The screenshot shows the 'Enter Search Conditions' page of the ASEAN-Japan Chemical Safety Database. It features a search interface with the following elements:

- Search by Number:** Input field (1) for CAS No. with a dropdown menu.
- Search by Name:** Input field (2) for multiple keywords, with dropdowns for 'All', 'Partial Match', and 'Exact Match'.
- Search by Molecular Formula:** Input field (3) with an 'Exact Match' dropdown.
- Display Settings (4):** Includes 'Interim Search Results', 'Display of Structures' (No), 'Display' (100 results), and 'Search Results Display' (Including/Excluding blank data).
- Search by Category (5):** Includes buttons for 'Close All', 'Open All', 'Check All', and 'Uncheck All', and a tree view of categories like 'Laws and Regulations', 'Cambodia', and various laws and regulations.
- Buttons:** 'Search' (6) and 'Clear All' (7).

#### 1 Search by Number

Enter the CAS Registry Number of the substance of interest to you. Half-sized digit, full-sized digit, number with hyphen and number without hyphen are available.

(Ex) 50-00-0、50000、5 0 – 0 0 – 0 :OK

#### 2 Search by Name (General Search)

You can enter several keywords separated by a space.

- If you select "Partial Match" from the pull-down menu, you will retrieve substance names that include all of the multiple keywords.
- If you select "Exact Match" from the pull-down menu, you will retrieve substance names that fully match the entered keywords, including the space.
- For the name to be searched, you can select "All", "General", "Synonym", or "Each Source" from the pull-down menu.

### 3 Search by Molecular Formula

Enter a molecular formula using alphanumeric symbols by the Hill method in the input field. In this method, the substance containing carbon is described initially as C and H in the following, followed by other elements in alphabetical order. For substances that do not contain carbon, all of the elements are described in alphabetical order.

- "Exact Match" and "Partial Match" can be selected from the pull-down menu.

### 4 Display Setting

#### Interim Search Result

You can select the display format of the Interim Search Result as indicated below.

- Structure Display Options: Select Yes or No from the pull-down menus to display structures in the Interim Search Result.
- Display-Number Limit: Select the maximum number of search results displayed on one page from the pull-down menu.

#### Search Results

You can select the display format of the Search Results. By default, the only items containing data will be displayed. To display all, including empty items, enter the check "Including blank data".

### 5 Search by Category

Click the check box of your interest in the category tree. If you check the upper item, the lower item will be checked in conjunction. If you remove the check from upper item, the checks of lower items also will be removed.

Item	Operation
⊖ button	Closes the lower items.
⊕ button	Opens the lower items.
"Close All" button	Closes all items.
"Open All" button	Opens all items.
"Check All" button	Checks the check boxes of all items.
"Uncheck All" button	Unchecks the check boxes of all items.

- 6 "Search" button Executes a search and transitions to the Interim Search Result or Search Result screen.
- 7 "Clear All" button Deletes the information entered in each field.
- 8 "Search Options" tab Transitions to the Enter Search Conditions (Search Options) screen.

## Advanced Search (English only)

### Enter Search Conditions (Search Options)

In addition to search by keyword and category, a search by structure is also possible.

- If you fill in the all three fields ("Search by Number", "Search by Name", and "Search by Molecular Formula"), the system finds substances which are applicable to all conditions.
- This option also allows you to narrow down the substances before using "Search by Category".

The screenshot shows the 'Enter Search Conditions' interface with the following elements highlighted by red callouts:

- 1**: Search by Number input field.
- 2**: Search by Name input field.
- 3**: Search by Molecular Formula input field.
- 4**: Interim Search Results display settings (Display of Structures, Display results).
- 5**: Search by Structure section (SMILES, Structure File, Match options).
- 6**: Search by Category section (tree view of categories).
- 7**: Search button.
- 8**: Clear All button.

#### 1 Search by Number

Enter the CAS Registry Number. Half-sized digit, full-sized digit, number with hyphen and number without hyphen are available.

(Ex) 50-00-0, 50000, 5 0 - 0 0 - 0 :OK

#### 2 Search by Name

You can enter several keywords separated by a space.

You can use a wild card "\*" or "?".

If you do not use a wild card, your search will be an exact match.

You can search in the manner of "Include any keywords" or "Not include the keyword".

If you enter keywords in more than one input field, you will retrieve the substance names that match all of those conditions.

- When you search a chemical whose name is including spaces, put the name in double quotation marks (" ").
- You can select a name type from "All" name, "General" name, "Synonym" or "Each Source", from the pull-down menu.
- "\*" represents any number of characters.
- "?" represents one single character in the specified location.

### 3 Search by Molecular Formula

Enter a molecular formula using alphanumeric symbols by the Hill method in the input field. In this method, the substance containing carbon is described initially as C and H in the following, followed by other elements in alphabetical order. For substances that do not contain carbon, all of the elements are described in alphabetical order.

- "Exact Match" and "Partial Match" can be selected from the pull-down menu.

### 4 Display Setting

#### Interim Search Result

You can select the display format of the Interim Search Result as indicated below.

- Structure Display Options: Select Yes or No from the pull-down menus to display structures in the Interim Search Result.
- Display-Number Limit: Select the maximum number of search results displayed on one page from the pull-down menu.

#### Search Results

You can select the display format of Search Results. By default, the only items containing data will be displayed. To display all, including empty items, enter the check "Including blank data".

### 5 Search by Structure

This field allows you to search the AJCSD database which has about 30,000 chemical structures.

SMILES	Enter SMILES of the substance of interest to you.
Structure File	Select structure files (MOL (.mol) or SMILES (.smi)) from the pull-down menu. Enter the File Path into the text box below and click on the load button. The system will display a structural formula based on the input structure file. Use only the extension for the files as specified.
Structure Search Method	Select one among three structure search methods (Partial Match, Exact Match and Similarity). If you select "Similarity", enter the percentage of structural similarity (percentage of similarity) (%). Tanimoto: Tanimoto Similarity Search
Molecular Weight	Enter ranges for the molecular weight of the substance.

## 6 Search by Category

Click the check box of your interest in the category tree. If you check the upper item, the lower items will be checked in conjunction. If you remove the check from the upper item, the checks of the lower items also will be removed.

Item	Operation
⊖ button	Closes the lower items.
⊕ button	Opens the lower items.
"Close All" button	Closes all items.
"Open All" button	Opens all items.
"Check All" button	Checks the check boxes of all items.
"Uncheck All" button	Unchecks the check boxes of all items.

- 7 "Search" button      Executes a search and transitions to the Interim Search Result or Search Result screen.
- 8 "Clear All" button      Deletes the information entered in each field.
- 9 "General Search" tab      Transitions to the Enter Search Conditions (General Search) screen.

## Interim Search Results (AJCSD\_ID based)

If more than one AJCSD\_ID that corresponds to the search condition are retrieved, a list of the substances will be displayed.

1 Sorting the list of search results and transitioning to the Search Results screen  
You can sort the list of search results and transition to the "Search Results" screen.

Item	Operation
"No." link	Transitions to the "Search Results" screen.
"▲", "▼" sort button	Sorts the items in ascending order when the "▲" button is clicked and in descending order when the "▼" button is clicked.

2 Switching the display  
In the list of interim search results, you can switch the display as noted in the table below.

Item	Operation
"<<Previous Page" link	Displays the previous page.
"n-m" pull-down menu	Displays the optional page.
"Next Page>>" link	Displays the next page.
"Results / page" pull-down menu	Switches the number of items displayed on one page.

3 "Downloading the search results" link  
If you click "Downloading the search results" link, the list of search results in TSV format (tab separated values format) will be downloaded.

#### 4 "Add list items" button

If you click "Add list items" button, the screen will transition to <Add list items> screen. If you check the items that you would like to add on the <Add list items> screen and click "Redisplay" button, the screen transition to the "Interim Search Results (AJCSD\_ID based)" screen.

- Up to 10 items can be added.
- If you would like to delete an added item, click the "Add list items" button again to remove the check on the <Add list items> screen and click the "Redisplay" button.

Presence or absence of data (information sources etc.)	
<input type="checkbox"/>	Law on Controlling of Drugs, 2012
<input type="checkbox"/>	Law on Management of Strong Acid, 2011
<input type="checkbox"/>	Prakas No 110 MIME on Management and Control of Use, Importation, Exportation and Distribution of Chemical Substances in Industrial Sector, 2004
<input type="checkbox"/>	Government Regulation of the Republic of Indonesia Number 74 Year 2001 regarding Hazardous and Toxic Materials Management
<input type="checkbox"/>	Regulation of Minister of Trade of the Republic of Indonesia Number 75 Year 2014 regarding The Second Amamdment of Minister of Trade Number 44 Year 2009 Regarding Provision, Distribution and Control to Hazardous Substances
<input type="checkbox"/>	Regulation of Minister of Trade of the Republic of Indonesia Number 3 Year 2012 regarding Import Provisions of Ozone Depleting Substances
<input type="checkbox"/>	Regulation of Minister of Industry of Republic of Indonesia Number 33 Year 2007 regarding Prohibiton Produce ozone depleting substances as well as producing goods that use of ozone depleting substances
<input type="checkbox"/>	CSCL: Class I Specified Chemical Substances
<input type="checkbox"/>	CSCL: Class II Specified Chemical Substances
<input type="checkbox"/>	CSCL: Monitoring Chemical Substances
<input type="checkbox"/>	CSCL: Priority Assessment Chemical Substances
<input type="checkbox"/>	CSCL: Newly Announced Chemical Substances (notified on and after April 1, 2011)
<input type="checkbox"/>	CSCL: Newly Announced Chemical Substances (notified by March 31, 2011)
<input type="checkbox"/>	CSCL: Existing Chemical Substances

#### 5 Re-search Condition Input

The "Interim Search Results (AJCSD\_ID based)" screen has the same function as the "Enter Search Conditions" screen. You can perform additional queries by adding more search parameters or changing terms.

99	C006-584-39A	14929-11-4	1, 3-Propanediolbis [2-(p-chlorophenoxy)-2-methylpropionic acid ester]
100	C007-190-66A	15104-61-7	Propane, 1,1,2,3,3-pentachloro-

<<Previous Page 1-100 / 997 Next Page>>

Return to TOP

### Re-search Condition Input

It is possible to add another search condition.

General Search Search Options

<Keyword>

Search by Number  CAS No.

Search by Name (Multiple keywords separated by a space.)  
 All  Partial Match

Search by Molecular Formula  Exact Match

<Display Setting>

Interim Search Results  
Display of Structures  No   
Display  100 results

Search Results Display  
 Including blank data.  Excluding blank data.

<Search by Category>

- Laws and Regulations
  - Cambodia
    - Law on Controlling of Drugs, 2012
    - Law on Controlling of Drugs, 2012

## Selecting List

On the Menu screen, click the "Substance Lists(English only)" button to display "Selecting List".

The screenshot shows the 'Selecting List' interface. At the top, there's a header 'ASEAN-Japan Chemical Safety Database' and a font size selector (S, M, L). Below that, there are navigation links: 'Lists', 'Menu > Selecting Lists', 'AJGSD Top', 'How to use', and 'News'. The main content area is titled 'Selecting List' and contains a tree view of laws and regulations. The tree is expanded to show 'Laws and Regulations' for 'Cambodia' and 'Indonesia'. Under 'Cambodia', there are three items: 'Law on Controlling of Drugs, 2012', 'Law on Management of Strong Acid, 2011', and 'Prakas No 110 MIME on Management and Control of Use, Importation, Exportation and Distribution of Chemical Substances in Industrial Sector, 2004'. Under 'Indonesia', there are three items: 'Government Regulation of the Republic of Indonesia Number 74 Year 2001 regarding Hazardous and Toxic Materials Management', 'Regulation of Minister of Trade of the Republic of Indonesia Number 75 Year 2014 regarding The Second Amendment of Minister of Trade Number 44 Year 2009 Regarding Provision, Distribution and Control fo Hazardous Substances', and 'Law Number 9 Year 2008 regarding the Use of Chemicals and Prohibition of the Use of Chemicals for Chemical Weapons'. Each item has a 'Source of Information' link and a 'Data Description' link. Red circles 1, 2, and 3 highlight these elements: 1 points to the 'Source of Information' link for the Indonesian law, 2 points to the 'Data Description' link for the Cambodian law, and 3 points to the minus sign button next to the 'Laws and Regulations' header.

### 1 "Source of Information" tree

Selecting the source of information in "Source of Information" tree allows you to transition to the "List Stage One (Decree number etc. based)" screen.

### 2 "Data Description" link

This link displays the description of the search result on another screen.

### 3 Opening and closing tree items

- ⊖ button Closes the lower items.
- ⊕ button Opens the lower items.

## List Stage One (Decree number etc. based)

This List Stage One (Decree number etc. based) screen displays a list of information that corresponds to the information source selected on the "Selecting List" screen.

Prakas No 110 MME on Management and Control of Use, Importation, Exportation and Distribution of Chemical Substances in Industrial Sector, 2004

Data Description Category **ALL**

<<Previous Page 1-35 / 35 Next Page>> 100 results / page

Registration No.	CAS No.	Substance name in English
1	89-52-1	N-acetylanthranilic Acid
2	120-58-1	Isosafrole
3	82-58-6	Lysergic Acid
4	4676-39-5	3,4-methylenedioxy-phenyl-2-propanone
5	103-79-7	1-phenyl-2-propanone
6	120-57-0	Piperonal
7	94-59-7	Safrole
8	108-24-7	Acetic Anhydride
9	67-64-1	Acetone
10	118-92-3	Anthranilic Acid
11	60-29-7	Ethyl Ether
12	7647-01-0	Hydrochloric Acid
13	78-93-3	Methyl Ethyl Kethone
14	103-82-2	Phenylacetic Acid
15	110-89-4	Piperidine
16	7722-64-7	Potassium Permanganate
17	7664-93-9	Sulfuric Acid
18	108-88-3	Toluene
19	64-19-7	Acetic Acid (Glacial)
20	67-66-3	Chloroform

1 Sorting the display, displaying List Stage 2, and transitioning to the Search Results screen  
You can sort the list of information displayed and transition to the "List Stage Two (AJCSID\_ID based)" screen or "Search Results" screen.

Item	Operation
"▶"Link button	Transitions to the "Search Results" screen when there is one AJCSID_ID for the corresponding information. Transition to the List Stage Two (AJCSID_ID based) screen when there are more than one AJCSID_IDs for the corresponding information.
"▲", "▼" sort button	Sorts the items in ascending order when the "▲" button is clicked and in descending order when the "▼" button is clicked.

2 Switching the display  
You can switch the list of information displayed.

Item	Operation
"<<Previous Page" link	Displays the previous page.
"n-m" pull-down menu	Displays the optional page.
"Next Page>>" link	Displays the next page.
"Results / page" pull-down menu	Switches the number of items displayed on one page.

3 "Category" pull-down menu  
This menu displays the information corresponds to the selected category.

#### 4 "List Stage Two (AJCSD\_ID based)" link

You can transition to the "List Stage Two (AJCSD\_ID based)" screen that displays a set of AJCSD\_IDs, CAS Nos., and chemical substance names. Note that this screen is not displayed when the number of CAS Nos. exceeds 5000.

#### 5 "Downloading the search results" link

If you click the "Downloading the search results" link, the list of search results in TSV format (tab separated values format) will be downloaded.

## List Stage Two (AJCSD\_ID based)

"List Stage Two (AJCSD\_ID based)" screen appears when there are multiple AJCSD\_IDs tied to information selected using List Stage One (Decree number etc. based), or when the "List Stage Two (AJCSD\_ID based)" link is selected.

Prakas No 110 MIME on Management and Control of Use, Importation, Exportation and Distribution of Chemical Substances in Industrial Sector, 2004

No.	AJCSD_ID	CAS No.	Chemical Substance Name
1	C004-693-67A	60-29-7	Ethane, 1,1'-oxybis
2	C004-663-46A	64-17-5	Ethanol
3	C004-694-47A	64-19-7	Acetic acid
4	C004-667-77A	67-64-1	Acetone
5	C004-661-75A	67-66-3	Chloroform
6	C004-679-63A	75-36-5	Acetyl chloride
7	C004-676-89A	78-93-3	Ethyl methyl ketone
8	C017-091-04A	82-58-6	Lysergic acid
9	C006-337-09A	89-52-1	2-acetamidobenzoic acid
10	C005-020-72A	94-59-7	5-Allyl-1,3-benzodioxole
11	C007-558-22A	103-79-7	Phenylacetone
12	C004-806-97A	103-82-2	Phenylacetic acid
13	C004-679-52A	108-24-7	Acetic anhydride
14	C004-666-86A	108-88-3	Toluene
15	C004-763-28A	110-17-8	Fumaric acid
16	C004-690-16A	110-89-4	Piperidine
17	C004-774-67A	118-92-3	Anthranilic acid;2-Aminobenzoic Acid
18	C006-056-67A	120-57-0	Piperonal
19	C005-034-73A	120-58-1	5-prop-1-enyl-1,3-benzodioxole
20	C004-694-70A	141-78-6	Ethyl acetate

1 to 4 are common to Interim Search Results (AJCSD\_ID based) screen. See P. 30.

#### 5 "List Stage One(Decree number etc. based)" link / "Lists" link

This link allows you to transition to the "List Stage One (Decree number etc based)" screen.

## Search Results

The information related to the selected substance is displayed in a tree format.

The screenshot displays the search results for Aniline. The interface includes a navigation bar at the top with 'Total Search', 'Menu > Search > Interim Search Results > Search Results', and links for 'AJCSD Top', 'How to use', and 'News'. Below the navigation bar, there are tabs for 'Excluding blank data' and 'Including blank data' (marked with a red circle 1). A 'To CHRIP site' link is also present. A 'Downloading the search results' link (marked with a red circle 4) is located in the top right. The main content area is a tree structure. The 'General Information' section (marked with a red circle 2) is expanded, showing a table with fields: 'AJCSD ID' (C004-660-17A), 'CAS No.' (62-53-8), 'Chemical Substance Name' (Aniline), 'Molecular Formula' (C6H7N), and 'Molecular Weight' (98.13). A chemical structure of Aniline is shown below the table. The 'Chemical Hazard and Risk Information' section is also expanded, showing 'Japan' and 'Malaysia' sub-sections. Under 'Malaysia', there is a link for 'GHS Classification Results by the Malaysian Government' (marked with a red circle 3) and other related links like 'Data Description', 'ELSA', 'ESSA', and 'User Guide and Printing Instruction of ELSA'. A table below shows 'Chemical Name' as 'Aniline and homologues' and 'Classification Result' as 'GHS Classification Result in Malaysia'.

### 1 "Including blank data" tab

You can switch the display by clicking "Excluding blank data" or "Including blank data". By default, the "Excluding blank data" is displayed.

### 2 Opening and closing tree items

- button Closes the lower items.
- + button Opens the lower items.

### 3 "Data Description" link / related site link

These links display the description of the search result or the related site on another screen.

### 4 "Downloading the search results" link

If you click "Downloading the search results" link, the list of search results in TSV format (tab separated values format) will be downloaded.

## AJCSD USER'S MANUAL

January 2018: First edition

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