

# ChemLinked Inventory Toolbox User Manual

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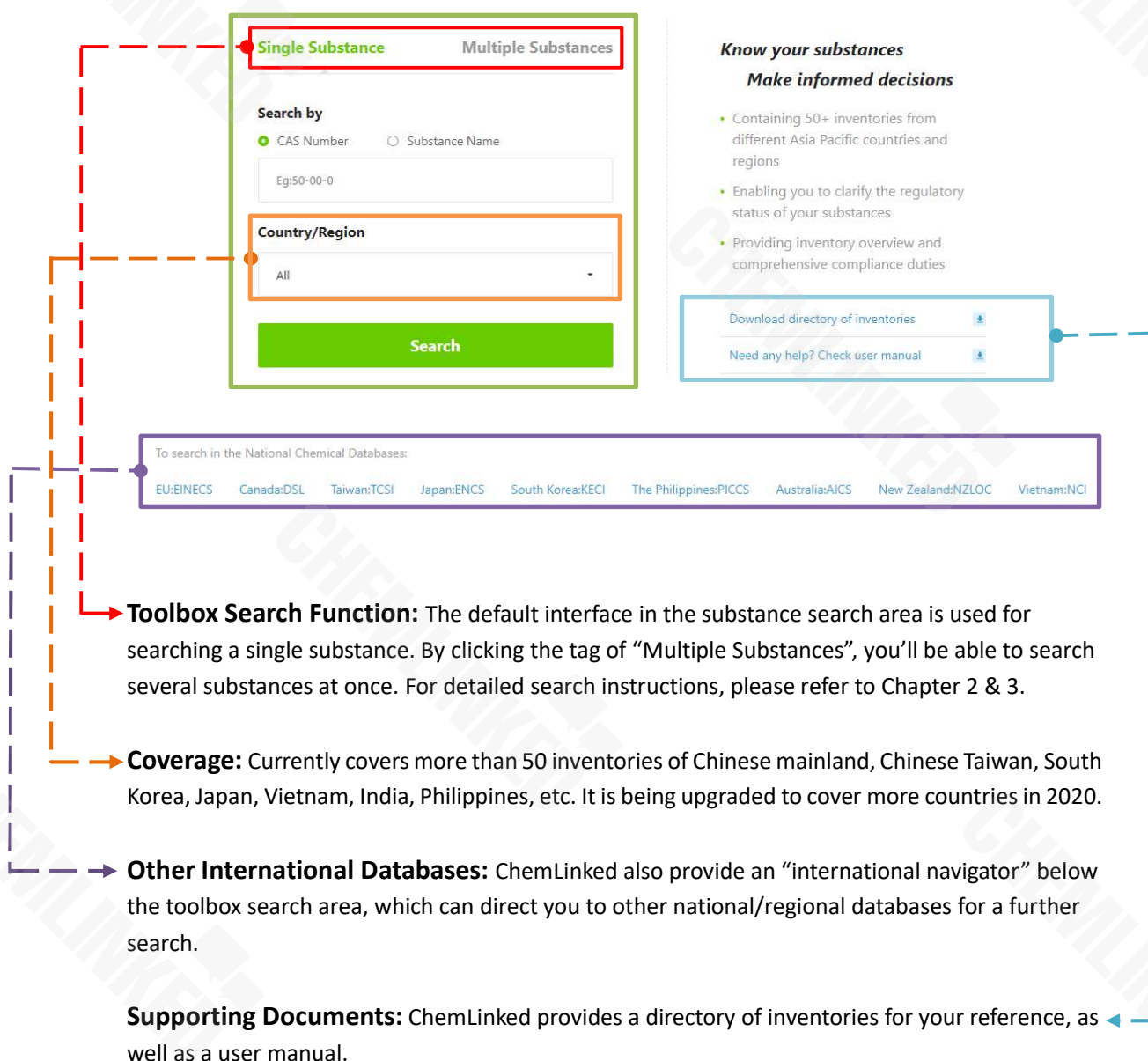
## Disclaimer

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## 1. Inventory Toolbox at a glance

- An on-line search toolbox that enables you to check by just one click if your chemical substances are listed in the substance inventories of different Asia Pacific countries and regions.
- You can also get a comprehensive and detailed introduction to the inventory and the compliance duties of businesses at the same time.

### ChemLinked Chemicals Inventory Toolbox



## 2. Search a single substance

### 2.1 By CAS number / substance name

Single Substance
Multiple Substances

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**Search by**

☒ CAS Number
 ☐ Substance Name

Eg:50-00-0

**Country/Region**

All

**Search**

- ① Select in which way you want to search a substance, by its CAS number (recommended) or by its name.
- ② Type corresponding substance identifier in the blank.
- ③ (Optional) Add filter values to limit search results to your interested country/region.

### 2.2 Search results

Take "50-00-0"(formaldehyde) as an example, the fuzzy search result is shown as below:

CL Inventory Toolbox has found 3 results.

CAS Number	Substance Name
50-00-0	Formaldehyde
13150-00-0	Ethanol, 2-[2-(2-(dodecyloxy)ethoxy)ethoxy]-, hydrogensulfate, sodium salt
84650-00-0	Coffea arabica Linn., extract excluding roots

Click the entry and you'll find out in which inventories the substance is listed. "✓" is marked to clarify which inventories your substance is listed under.

Country/Region	Inventory	Last Update	Listed
China Mainland	China's Inventory of Existing Chemical Substances (IECSC)	2019-01-11	✓ More
China Mainland	List of Toxic Chemicals Severely Restricted for Import and Export	2018-01-01	
China Mainland	List of Hazardous Chemicals under Priority Management	2013-02-05	
China Mainland	Catalogue and Classification of Precursor Chemicals	2017-11-06	
China Mainland	Catalogue of Goods Import License Administration---Ozone-depleting Substances (2019)	2019-01-01	
China Mainland	Catalogue of ODS Subject to Import and Export Control (6 batches)	2013-01-01	
China Mainland	Inventory of Hazardous Chemicals (2015)	2015-05-01	✓ More
China Mainland	List of Hazardous Chemicals Prohibited from Inland Waterway Transport (2019)	2019-05-24	

Click “More” and you will access the inventory overview and its corresponding obligations. Take “Inventory of Hazardous Chemicals (2015)” for example.

<b>Substance</b>	
CAS No.	50-00-0
Local Name	甲醛溶液
Local Alias	福尔马林溶液
English Name	formaldehyde solution/formalin solution
Hazard Category	Acute toxicity - Oral, Category 3* Acute toxicity - Dermal, Category 3* Acute Toxicity - Inhalation, Category 3* Skin corrosion/irritation, Category 1B Serious eye damage/eye irritation, Category 1 Skin sensitizer, Category 1 Germ cell mutagenicity, Category 2 Carcinogenicity, Category 1A Specific target organ toxicity - single exposure, Category 3 (Respiratory irritation) Hazardous to the aquatic environment - acute hazard, Category 2
<b>Information of the Inventory</b>	
【China Mainland】 Inventory of Hazardous Chemicals (2015)	
Authority	SAWS, MIIT, MPS, MEP, MOT, MOA, NHFPC, AQSIQ, Railway Administrations, and CAAC
Legal Status	In Force
Release Date	2015-02-27
Implementation Date	2015-05-01
Last Update	2015-05-01
<b>Obligations</b>	
Though the 2015 version list seems to be smaller in size compared with its 2002 predecessor, the actual coverage has expanded with Entry No. 2828 representing a large group of chemicals with closed cup flash point not exceeding 60°C (e.g. synthetic resin containing flammable solvents, paints, auxiliary materials, coatings, etc.).	
Chemicals in the Inventory of Hazardous Chemicals are regulated throughout their lifecycle. However, it's a misunderstanding to say chemicals not listed in the Inventory are not regulated. Actually all chemicals are subject to hazard identification and classification unless they're eligible for exemptions (refer to SAWS Order 60). These mandatory regulatory requirements are stipulated under Decree 591 and apply to all chemicals in order to collect chemical information from industry and guide the authorities to adjust the Inventory accordingly.	
The following table summarizes the major obligations under Decree 591.	
<b>Industry obligations</b>	<b>Chemicals which listed in the Inventory:</b>
Physical hazard identification and classification <sup>(1)</sup>	For SN 1-2827: classified in accordance with the classification results showed in the guidance for the implementation of China inventory of hazardous chemicals; For SN 2828: conduct physical hazard identification and classification in accordance with the SAWS Order 60. <sup>(2)</sup>
SDS & Label <sup>(1)</sup>	Prepare China GHS-compliant SDS and precautionary label <sup>(1)</sup>
Hazardous chemical registration <sup>(1)</sup>	Register hazardous chemicals and acquire the registration certificate <sup>(1)</sup>
Administrative licensing <sup>(1)</sup>	Apply for relevant administrative licenses
<b>Chemicals which not listed in the Inventory:</b>	
Physical hazard identification and classification <sup>(1)</sup>	Conduct physical hazard identification and classification in accordance with the SAWS Order 60, except the chemicals listed in the "catalogue of chemicals exempt from physical identification and classification". <sup>(2)</sup>
SDS & Label <sup>(1)</sup>	Prepare China GHS-compliant SDS and precautionary label if the chemical is classified to any of the 95 GHS hazard categories after hazard identification. <sup>(1)</sup>
Hazardous chemical registration <sup>(1)</sup>	Register hazardous chemicals and acquire the registration certificate if the chemical is classified to any of the 81 GHS hazard categories adopted by the inventory (the hazardous chemical determination principles). <sup>(2)</sup>
Administrative licensing <sup>(1)</sup>	Apply for relevant administrative licenses if the chemical is eligible for the hazardous chemical determination principles and has no less than 70% compositions are listed in the inventory. <sup>(2)</sup>

Substance details as in the inventory;

More specific info/remarks provided if any

Basic info about the inventory, including the authority, release date, implementation date, last update, etc.

Compliance duties of the enterprises

### 2.3 If no matching substance is found

If you cannot find a chemical through searching the Inventory Toolbox, you may consider:

- Have you typed in the correct information? Is the CAS number valid and in the correct format (with hyphens)? Is the substance name spelt correctly?
- If the information is correct but no result is found, there are four situations:
  - [1] The substance is not in the public part of the substance inventory of a country/ region, but is in the confidential part;
  - [2] The substance is a new substance, which is not listed in any existing substance inventory;
  - [3] The substances is contained in a group of substances;
  - [4] The substance is actually not listed in any controlled inventory.

In this case, you may consult us for comprehensive search to verify the status of the substance.

### 3. Search multiple substances

#### 3.1 By entering CAS numbers

Single Substance **Multiple Substances**

Search by

CAS Numbers

Search in

China's Inventory of Existing Chemical Substances (IECSC)

Enter CAS numbers, and separate them by comma:

50-00-0,60-00-0,70-00-0

Eg:50-00-0,60-00-0,70-00-0

search

Choose the inventory you want to search in

Please follow the example given the input-box and type in the CAS numbers. Use commas to separate the numbers. Only exact string matching is applied to multiple-substance search.

#### 3.2 By uploading a list of CAS numbers

Single Substance **Multiple Substances**

Search by

CAS List

Search in

China's Inventory of Existing Chemical Substances (IECSC)

Upload your file of CAS number (supported file formats:txt,csv)



search

You can upload the CAS List in the format of either \*.txt or \*.csv. The List should only contain CAS numbers, which are separated using the "Enter" key. See the graph below.

