



chemSHERPA-AI

Data entry support tool for Articles

PFU Group entry guide

Ver.2.6

June 13, 2025

- Updated descriptions reflecting the latest version of the tool. (Pages 7 and 9)
- Updated the information entered in the requester's information. (Pages 13)
- Replaced tool screens and updated Data Entry procedures. (Pages 11,12 and 29)

1. Outline of Data entry support tool for Articles

Main View Layout, Request, Feature, Points to Note When Entering, Declarable Substances, Tool Preparation

2. Data Entry Procedures

- 1) Enter basic information
- 2) Enter product/component information
- 3) Enter composition (SCIP) information
- 4) Enter compliance (SCIP) information
- 5) Error check
- 6) Authorization/output of entry date

Appendix 1. Submit reply data of chemSHERPA

Appendix 2. Details of chemSHERPA data (Requirements)

1. Outline of Data entry support tool for Articles

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1. Outline of Data entry support tool for Articles : Main View Layout

General view

General ToolVersion:chemSHERPA-A2.03.10

Issuer/Authorizer information

Reference number * Remarks
Preparation Date * <yyyy-mm-dd>
Authorization Date * <yyyy-mm-dd>
Item *
Company name *
Name of contact *
Comment *
Authorizer name *

Requester information

Reference number * Remarks
Request date *
Reply deadline *
Item *
Company name *
Requester Name *
Requester Comment *
Area * IEC62474

Product/Component information

Product name * Product number * Manufacturer name * Mass * Unit of mass * Product series name * Reporting unit * Rem

Enlarge or Reduce: Ctrl+scroll
Sort: click ▲ ▼ button of the details side of Product/Component

Composition view

Subject area IEC62474

Update substance information

Level Component

Name Quantity Name Quantity Usage Classification symbol Name Mass Unit Material code of public standard Remarks Substance CAS No. Maximum content rate per materials(%) Remarks

Return to general

SCIP view

Set default value

Primary Article Identifier Article Name Article Category

Production in European Union Safe use instruction Material Category Material name Substance name Maximum content rate per materials(%)

Update Close

| View | Description | Data entry item |
|------------------|-------------------------------|--|
| General view | Requester information | Company name, Division name, Requester Name, Requester date, etc |
| | Issuer/Authorizer information | Company name, Division name, Name of contact, Authorizer name, Preparation Date, Authorization Date, etc |
| | Product/Component information | Product name, Product number, Mass, Unit of mass, Valid From, etc |
| Composition view | Composition view | Name of Level, Quantity of Level, Name of Component, Quantity of Component, Material, Mass, Substance, Content rate, Exempted application, etc * Old AIS |
| | SCIP view | SCIP information |
| Compliance view | Compliance view | Compliance assessment information (IEC62474) Content above the threshold, Content rate, Quantity of content, Usage code, Usage, Porting used, etc * Old JGPSSI |
| | SCIP view | SCIP information |

Compliance view

Subject area IEC62474

Compliance

Subject substance Candidate item

Substance/Substance group

Reportable applications

Reporting threshold

Content above the threshold

Content rate (ppm)

Quantity of content

Return to general

SCIP view

Set default value

Row ID CAS No. / Substance group ID Substance group Content rate (ppm) Portion used Material Category Material name Primary Article Identifier Article Name Article Category

Update Close

1. Outline of Data entry support tool for Articles : Request/Feature

◆ Request

- ◇ Enter the General/Composition/Compliance view (Entering the Compliance view is optional.)
- ◇ For General view, please also enter Requester information.
- ◇ Please enter SCIP information (Composition/Compliance view).

This is required from chemSHERPA tool V2.02.

[Reference]

chemSHERPA Guideline for SCIP (Issued by Joint Article Management Promotion-consortium)JAMP)

<https://chemsherpa.net/english/tool#sample>

◆ Feature

- ◇ Replying on multiple products in one file is allowed. (Multiple item single sheet)
- ◇ Information conversion from composition information to compliance information is available.
- ◇ A function to integrate composition/compliance information in several data into a single file is provided.

1. Outline of Data entry support tool for Articles : Points to Note When Entering

◆ Points to Note When Entering

Mistakes and omissions often occur when entering information in the following fields.
Please pay attention with these fields.

a) Information on requester is not entered. *See pages 11-13.

⇒ Select "Information on requester On/Off" and enter the information on requester.

b) PFU Group Product No. is not entered in "Product number(Requester)". *See page 16.

⇒ Enter the PFU Group Product No. in "Product number (Requester)".

⇒ The PFU Group Product No. can be found in the Investigation request email. It can also be confirmed when logging in to i-VaS.

c) Unit other than "piece" is selected for "Reporting unit". *See page 16.

⇒ Please select "piece" for "Reporting unit". (Do not select "g", "m", etc.)

d) Please use only one-byte alphanumeric characters for product names on the General view and for component numbers and component names on the Composition view. *See pages 16, 18, 25, and 29.

⇒ When an error check results in an error, re-enter the fields by using only one-byte alphanumeric characters.

1. Outline of Data entry support tool for Articles : Declarable Substances

◆ Relevant Standards for Chemical Management in Declarable Substances

| Relevant standards for Chemical management ID (abbr.) | Relevant laws/regulations and industry standards | composition information | compliance information |
|---|--|-------------------------|------------------------|
| LR01 (CSCL) | JP Chemical Substances Control Law : Class I Specified Chemical Substances | ✓ | |
| LR02 (TSCA) | US Toxic Substances Control Act (TSCA) : Section 6 | ✓ | |
| LR03 (ELV) | EU Directive 2000/53/EC (ELV) : Targeted substances | ✓ | |
| LR04 (RoHS) | EU 2011/65/EU (RoHS) : Annex II | ✓ | |
| LR05 (POPs) | EU 2019/1021 (POPs) : Annex I | ✓ | |
| LR06 (SVHC) | EU REACH (No 1907/2006) : The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances | ✓ | |
| LR07 (REACH Annex XVII) | EU REACH (No 1907/2006) : Annex XVII Restriction substances | ✓ | |
| LR08 (MDR) | Medical Devices Regulation (MDR) (EU)2017/745 : Annex I 10.4 Substances | ✓ | |
| IC01 (GADSL) | Global Automotive Declarable Substance List (GADSL) | ✓ | |
| IC02 (IEC62474) | IEC 62474 DB Declarable substance groups and Declarable substances | ✓ | ✓ |

1. Outline of Data entry support tool for Articles : Tool Preparation

◆ Download the tool package

Download the chemSHERPA Data entry support tool for articles (Including Manuals):

<https://chemsherpa.net/english/tool>

* After unzip, in any cases, please do not rename, move or delete external file and folder and do not change the configuration of external file or folder.

◆ Execution of the tool

Double-click  Article.exe in the ARTICLE folder among the extracted files to execute it.

* Use of this tool requires that "Microsoft .NET Framework 4.8" or higher is installed on your computer.

* Use of this tool requires that "Microsoft Excel 2016" or higher is installed on your computer.

[*] "chemSHERPA Data entry support tool for articles Operation manual cited from Version 2.9".

For detail, refer to the operation manual.

2. Data Entry Procedures

1. Outline of Data entry support tool for Articles

Main View Layout, Request, Feature, Points to Note When Entering, Declarable Substances, Tool Preparation

2. Data Entry Procedures

- 1) Enter basic information
- 2) Enter product/component information
- 3) Enter composition (SCIP) information
- 4) Enter compliance (SCIP) information
- 5) Error check
- 6) Authorization/output of entry date

2-1) Enter basic information : Requester/Issuer (1/4)

1) Select "Information on requester On/Off"

Select this checkbox.

Selecting "Information on requester On/Off" enables to enter Requester information

| Issuer/Authorizer | | Requester | |
|--|--|--|--|
| Reference number * | Remarks | Reference number * | Remarks |
| Preparation Date * <yyyy-mm-dd> | <input checked="" type="checkbox"/> Composition <input type="checkbox"/> FMD | Request date * | <input checked="" type="checkbox"/> Composition <input type="checkbox"/> FMD |
| Authorization Date * <yyyy-mm-dd> | <input checked="" type="checkbox"/> Compliance | Reply deadline * | <input checked="" type="checkbox"/> Compliance |
| Item | English | Item | English |
| Company name * | | Company name * | |
| Name of contact * | | Name of contact * | |
| Comment | | Requester Name * | |
| Authorizer name * | | Requester Comment | |
| Reporting of Candidate of Declarable Substances <input type="radio"/> Yes <input type="radio"/> No | | Reporting of Candidate of Declarable Substances <input type="radio"/> Yes <input type="radio"/> No | |
| SCIP info. <input type="checkbox"/> Composition/FMD <input type="checkbox"/> Compliance | | | |

2) Select "Composition"(or "FMD"[Optional]) and "Compliance"

Select "Composition/FMD" and "Compliance"

| Issuer/Authorizer | | Requester | |
|---|--|--|--|
| Reference number * | Remarks | Reference number * | Remarks |
| Preparation Date * <yyyy-mm-dd> | <input checked="" type="checkbox"/> Composition <input type="checkbox"/> FMD | Request date * | <input checked="" type="checkbox"/> Composition <input type="checkbox"/> FMD |
| Authorization Date * <yyyy-mm-dd> | <input checked="" type="checkbox"/> Compliance | Reply deadline * | <input checked="" type="checkbox"/> Compliance |
| Item | English | Item | English |
| Company name * | | Company name * | |
| Name of contact * | | Name of contact * | |
| Comment | | Requester Name * | |
| Authorizer name * | | Requester Comment | |
| Reporting of Candidate of Declarable Substances <input type="radio"/> Yes <input type="radio"/> No | | Reporting of Candidate of Declarable Substances <input type="radio"/> Yes <input type="radio"/> No | |
| SCIP info. <input checked="" type="checkbox"/> Composition/FMD <input checked="" type="checkbox"/> Compliance | | | |

2-1) Enter basic information : Requester/Issuer (2/4)

3) Enter "Reference number" and "Request date"

< Requester >

- ① For "Reference number", enter "Supplier code". * If Supplier code is unknown, enter "Creation date (yyyymmdd)".
- ② For "Request date", enter Initial investigation request date (Email notification).

< Issuer >

- ③ For "Reference number", enter Identification number the supplier manages.
* If no supplier Identification number, enter "Reference number of requester information".

The screenshot shows the 'Data entry support tool for the chemSHERPA-AI' interface. It has a menu bar (File, Company, Language, Tool) and a 'General' tab. The main area is divided into two sections: 'Issuer/Authorizer' and 'Requester'. Both sections have a 'Reference number' field (marked with a red box) and a 'Request date' field (marked with a red box). The 'Requester' section also has a 'Reply deadline' field. There are checkboxes for 'Composition' and 'Compliance' in both sections. The 'Requester' section has a checkbox for 'Information on requester On/Off'. The 'Requester' section also has a 'Company name' field. The 'Requester' section has a 'Request date' field. The 'Requester' section has a 'Reply deadline' field. The 'Requester' section has a 'Company name' field. The 'Requester' section has a 'Request date' field. The 'Requester' section has a 'Reply deadline' field. The 'Requester' section has a 'Company name' field.

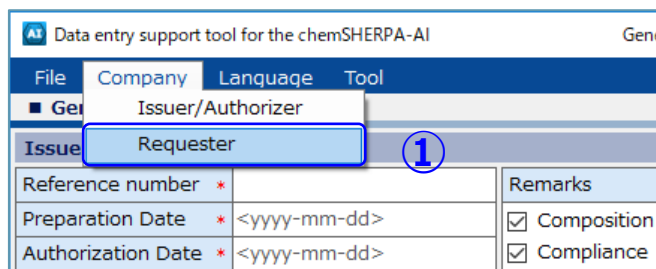
- ① For Requester "Reference number", enter "Supplier code".
 - "Supplier code" is i-VaS login ID.
 - Described in the Investigation request mail title.* If Supplier code is unknown, enter "Creation date".
e.g. 20211015 (yyyymmdd)

- ③ For Issuer "Reference number", enter Identification number the supplier manages
* If no supplier identification number, enter "Reference number of requester information" (①)

- ② For "Request date", enter Initial investigation request date (Email notification)

2-1) Enter basic information : Requester/Issuer (3/4)

4) Enter "Requester information"



AI Data entry support tool for the chemSHERPA-AI

File Company Language Tool

■ Gen

Issuer/Authorizer

Requester ①

Reference number *

Preparation Date * <yyyy-mm-dd>

Authorization Date * <yyyy-mm-dd>

Remarks

☒ Composition

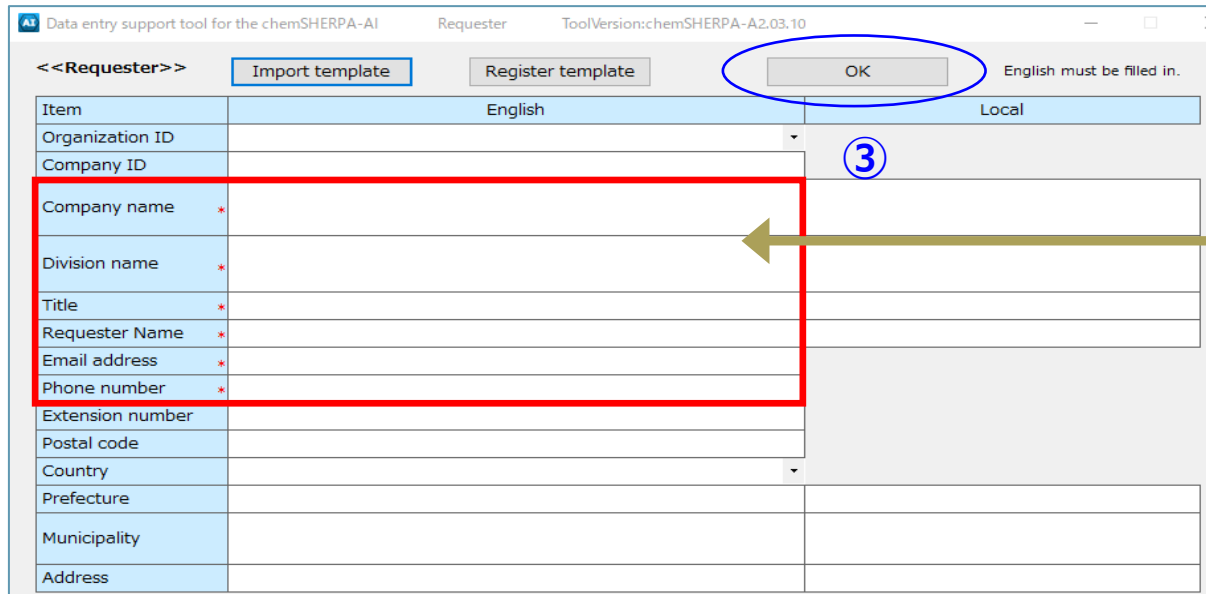
☒ Compliance

| Required item | Data entry item |
|----------------|-----------------|
| Company name | - |
| Division name | - |
| Title | - |
| Requester Name | - |
| Email address | - |
| Phone number | - |

This input content is not specified.
('-' is acceptable) .

②

Enter PFU fixed information



AI Data entry support tool for the chemSHERPA-AI Requester ToolVersion:chemSHERPA-A2.03.10

<<Requester>> Import template Register template OK English must be filled in.

Item English Local

Organization ID

Company ID

Company name *

Division name *

Title *

Requester Name *

Email address *

Phone number *

Extension number

Postal code

Country

Prefecture

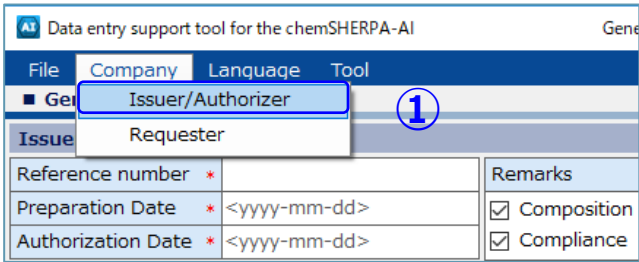
Municipality

Address

③

2-1) Enter basic information : Requester/Issuer (4/4)

5) Enter "Issuer information"



AT Data entry support tool for the chemSHERPA-AI

File Company Language Tool

■ Gen Issuer/Authorizer

Issue Requester

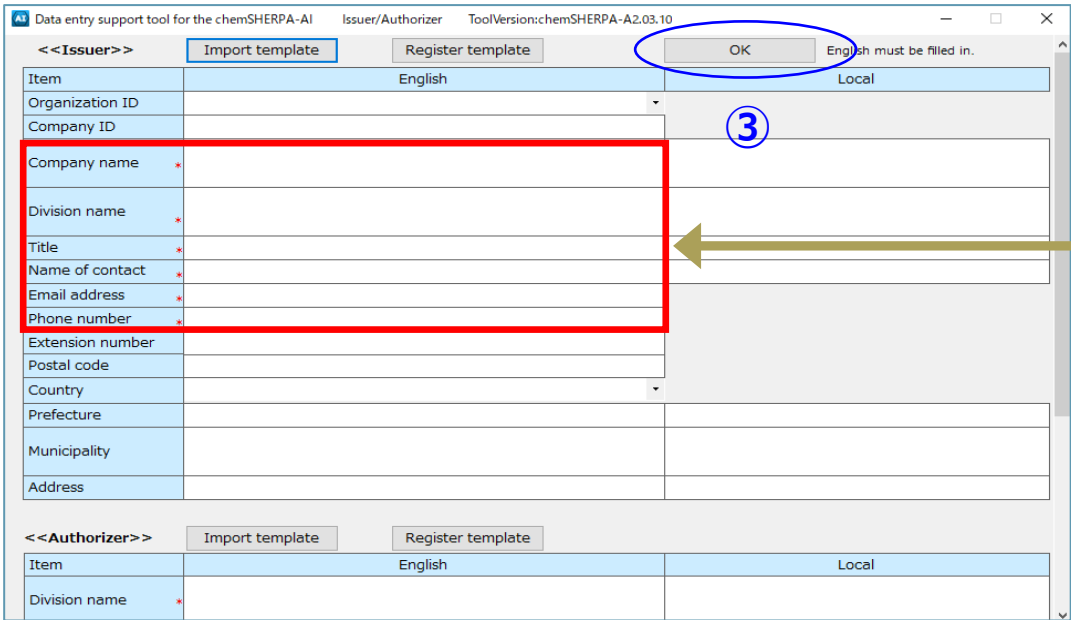
Reference number * Remarks

Preparation Date * <yyyy-mm-dd> ☒ Composition

Authorization Date * <yyyy-mm-dd> ☒ Compliance

| Required item | Data entry item * Your company |
|-----------------|-----------------------------------|
| Company name | Company name of person in charge |
| Division name | Division name of person in charge |
| Title | Title of person in charge |
| Name of contact | Person in charge |
| Email address | Email address of person in charge |
| Phone number | Phone number of person in charge |

2



AT Data entry support tool for the chemSHERPA-AI Issuer/Authorizer ToolVersion:chemSHERPA-A2.03.10

<<Issuer>> Import template Register template OK English must be filled in.

Item English Local

Organization ID

Company ID

Company name *

Division name *

Title *

Name of contact *

Email address *

Phone number *

Extension number

Postal code

Country

Prefecture

Municipality

Address

<<Authorizer>> Import template Register template

Item English Local

Division name *

Enter your Issuer information

2-2) Enter product/component information

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2-2) Enter product/component information

Enter Product/Component information

① For "Product number (Requester)", enter the PFU Group Product No.

Point

* You can confirm this number when logging in to i-VaS. It can also be found in the Investigation request mail.

* Multiple PFU Group Product Nos. can be entered. However, do not enter the same PFU Group Product No. (e.g. source with different type). In this case, create another chemSHERPA data separately.

* For electronic components, do not include the ordered item number (00AT, etc.). Please enter the product number listed on the purchase specifications. e.g. PA12345-678900AT → NG / PA12345-6789 → OK

② For "Product name (Product)", enter "Your company's product name".

③ For "Product number (Product)", enter "Your company's product number".

* If you don't have your company's product number, enter the PFU Group Product No.

④ Enter "Mass" and "Unit of mass".

⑤ For "Reporting unit", select "piece".

⑥ Enter "Valid From".

Point

Enter with one-byte alphanumeric characters.

: Required item

| Requester | Product | Administrative |
|---|--|---|
| Reference number * P1001 Request date * 2021-04-08 Request deadline <yyyy-mm-dd> Requester name * PFU Limited Requester name * Requester Requester Comment | Product name * Product number * Manufacturer name * Mass * Unit of mass * Product series name * Reporting unit * Remarks * Overall content flag * Valid From * <yyyy-mm-dd> | <input checked="" type="checkbox"/> IEC62474 <input checked="" type="checkbox"/> SCIP <input checked="" type="checkbox"/> Composition <input checked="" type="checkbox"/> Compliance |

| Requester | Product | Administrative |
|---|---|--|
| Product name Product number Manufacturer name Mass Unit of mass Product series name Reporting unit Remarks Overall content flag Valid From | AAA-P01 AAA-1000 ABC Ltd. 250 g DDD piece 2021-04-14 | AAA-P01 AAA-1000 ABC Ltd. 20 g DDD piece 2021-04-14 |
| BBB-P02 BBB-2000 ABC Ltd. 20 g DDD piece 2021-04-14 | CCC-P03 CCC-3000 ABC Ltd. 30 g DDD piece 2021-04-14 | CCC-P03 CCC-3000 ABC Ltd. 30 g DDD piece 2021-04-14 |

PFU Group Product No.
* Duplicate product number is not allowed

Your company's product name

Mass, Unit of mass

Select "piece"

Valid From

Your company's product number
* If you don't have your company's product number, enter PFU Group Product No.

2-3) Enter composition (SCIP) information

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2-3) Enter composition (SCIP) information (1/2)

Enter Composition information

■ General view

Product/Component ☒ Product ☒ Administrative

| | All | CPS | CPL | Product name | Product number | Product name | Product number | Manufacturer name |
|---|-------------------------------------|-------------------------------------|-------------------------------------|--------------|----------------|--------------|----------------|-------------------|
| 1 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | AAA | PA10000-1000 | AAA-P01 | AAA-1000 | ABC Ltd. |

① Click "Show" below "CPS"

■ Composition view

Data entry support tool for the chemSHERPA-AI Composition ToolVersion:chemSHERPA-A2.03.10

Product number: AAA-1000 Finalization date: Subject area: IEC62474
Product name: AAA-P01 Mass of product: 250g

Update substance information Delete All clear

| Level | Component | Material | Substance | Optional reporting | CSCL | TSCA | ELV | RoHS | POPs | | | | | | | | | | | | | |
|-------|-----------|----------|-----------|-----------------------|------|------|------|----------------------------------|---------|-----------|---------|---------------------------------------|---------|--------------------------|------------|------------|------------|----------------------|------------|----------------------|------------|---------------|
| Name | Quantity | Name | Usage | Classification symbol | Name | Mass | Unit | Material code of public standard | Remarks | Substance | CAS No. | Maximum content rate per materials(%) | Remarks | Select all | Applicable | Applicable | Applicable | Exempted application | Applicable | Exempted application | Applicable | Substance Use |
| 1 | Add | Add | Select | Add | | | | | | Select | Add | | | Applicable | Applicable | Applicable | Applicable | Exempted application | Applicable | Exempted application | Applicable | Substance Use |
| 2 | | | | | | | | | | | | | | <input type="checkbox"/> | | | | | | | | |
| 3 | | | | | | | | | | | | | | <input type="checkbox"/> | | | | | | | | |
| 4 | | | | | | | | | | | | | | <input type="checkbox"/> | | | | | | | | |

Enter with one-byte alphanumeric characters.

② Refer to manuals included in the chemSHERPA Tool to enter data

- chemSHERPA Operation manual for Articles
- chemSHERPA Data entry manual for Articles

④ Return to general Transit to compliance

Error check Error check Finalize

④ Click "Return to general"

③ Click "Error check".
After confirming there is no error, click "Finalize"

2-3) Enter composition (SCIP) information (2/2)

- ⑤ Once Composition information is entered and finalized, SCIP information view pops up. (*)
(Note 1) It is necessary that SCIP information (Composition information) is ticked on the General window.
(Note 1) You cannot transition to the SCIP information view unless the Composition is "Finalized".



■ SCIP view

SCIP information(Composition)

■ Composition

SCIP Enlarge or Reduce: Ctrl+scroll

| | Product name | Level name | Row | Number | Primary Article Identifier | Article Name | Article Category | Production in European Union | Safe use instruction | Material Category | Material name | Substance name | Maximum content rate per materials(%) | | |
|---|--------------|------------|-----|--------|----------------------------|--------------|------------------|------------------------------|----------------------|-------------------------|---------------|--------------------------|---------------------------------------|------|------|
| 1 | AAA-P01 | | | | AAA-1000 | AAA-P01 | 8471500000 | Machinery and ... | no data | ▼ No need to provide... | 66398 | Clear metal > lead (a... | Sn-Pb solder | Lead | 92.5 |
| 2 | | | | | PA10000-1003 | AAA03 | 8473500000 | Machinery and ... | no data | ▼ No need to provide... | | | | | |

⑥ When the click "Set default value", set the default value (Primary Article Identifier, Article Name, Production in European Union, Safe use instruction, Material Category).

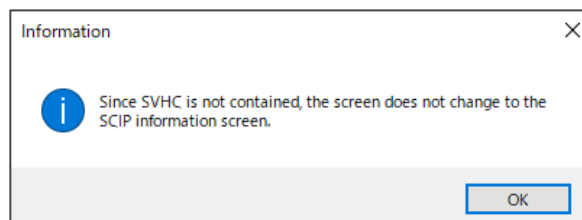
⑦ Refer to manuals included in the chemSHERPA Tool to enter data

- chemSHERPA Operation manual for Articles
- chemSHERPA Data entry manual for Articles

⑧ Click "Update". After confirming there is no error, click "Close"

Update

(*) The above view will not appear if there is no SVHC substance to be registered. The following screen will be displayed.



⑧ Click "Update".
After confirming there is no error, click "Close"

2-4) Enter compliance (SCIP) information

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- 4) Enter compliance (SCIP) information
- 5) Error check
- 6) Authorization/output of entry date

2-4) Enter compliance (SCIP) information (1/3)

Enter Compliance information

■ General view

Product/Component ☒ Product ☒ Administrative

| | All | CPS | CPL | Product name | Product number | Product name | Product number | Manufacturer name |
|---|--------------------------|--------------------------|-------------------------------------|--------------|----------------|--------------|----------------|-------------------|
| 1 | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | AAA | PA10000-1000 | AAA-P01 | AAA-1000 | ABC Ltd. |

① Click "Show" below "CPL"

■ Compliance view

Data entry support tool for the chemSHERPA-AI Compliance ToolVersion:chemSHERPA-A2.03.10

File

Compliance

Product number: AAA-1000 Finalization date: Subject area: IEC624

Product name: AAA-P01

Overall content flag:

Compliance ☒ All show ☐ Filtering

Add ☒ Delete ☐ Convert from Composition ☐ All clear ☐ Update ☐ Simplification

| | Subject substance | Candidate item | ID | Referenced laws & regulations | Reportable applications | Reporting threshold | Content above the threshold | Content rate (ppm) | Quantity of content | Usage code | Usage | Portion used | Remarks |
|----|-------------------------------|---------------------------|---|---|---|---------------------|--|--------------------|---------------------|------------|-------|--------------|------------------------|
| | CAS No./ Substance group ID | Substance/Substance group | <input type="checkbox"/> Show "ON" only | | | | <input type="checkbox"/> Show "Y" only | | | | | | |
| | | | Clear | | | | Batch "N" | | | | | | |
| 1 | SG001 Asbestos | <input type="checkbox"/> | 00003 | [EU] REACH Regulation (EC) ... All | Intentionally added [Rep... | | | | | | | | |
| 2 | SG002 Azocolourants and a... | <input type="checkbox"/> | 00004 | [EU] REACH Regulation (EC) ... Textiles an... | 0.003% by weight of the ... | | | | | | | | |
| 3 | SG003 Boric acid | <input type="checkbox"/> | 00007 | [EU] REACH Regulation (EC) ... All | 0.1 mass% of article [Rep... | | | | | | | | |
| 4 | SG004 Brominated flame re... | <input type="checkbox"/> | 00008 | (Standard) IEC 61249-2-21; ... | Printed wiri... 0.09 mass% total bromin... | | | | | | | | |
| 5 | | | 00009 | (Standard) JEDEC JS709 | Plastic mat... 0.1 mas...% of bromine in ... | | | | | | | | |
| 6 | SG006 Cadmium/Cadmium co... | <input type="checkbox"/> | 00010 | [EU] RoHS Directive 2011/65... | All, except ... 0.01 mass% of total Cd in ... | | | | | | | | Please enter the data. |
| 7 | | | 00011 | [EU] Battery Directive 2006/... | Batteries ... 0.001% by weight of batt... | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| 9 | SG008 Chromium (VI) Com... | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | SG009 Dibutyltin (DBT) com... | | | | | | | | | | | | |
| 12 | SG010 Dioctyltin (DOT) com... | | | | | | | | | | | | |
| 13 | SG011 Disodium tetraborate | | | | | | | | | | | | |
| 14 | SG012 Fluorinated Greenha... | | | | | | | | | | | | |
| 15 | SG013 Hexabromocyclodod... | | | | | | | | | | | | |
| 16 | SG014 Lead/Lead Compounds | <input type="checkbox"/> | 00021 | [EU] RoHS Directive 2011/65... | All, except ... 0.1 mass% of total Pb in ... | | | | | | | | Please enter the data. |
| 17 | | | 00022 | [USA] Consumer Product Saf... | Consumer ... 0.01 mass% [ReportingL... | | | | | | | | Please enter the data. |
| 18 | | | 00023 | [USA] Consumer Product Saf... | Paint and s... 0.05... | | | | | | | | Please enter the data. |

Return to general Transit to composition

Error check

② The compliance information is automatically generated from the composition information by pressing the "Convert from Composition" button.

③ Refer to manuals included in the chemSHERPA Tool to enter data

- chemSHERPA Operation manual for Articles
- chemSHERPA Data entry manual for Articles

⑤ Click "Return to general"

④ Click "Error check".

After confirming there is no error, click "Finalize"

2-4) Enter compliance (SCIP) information (2/3)

< Note >

- a) When Content above the threshold is "Y", enter Content rate (ppm), Quantity of content, Unit, Usage and Point used.
- b) If Content above the threshold is "Y" and the Usage code cell is displayed as "Please enter the data.", please enter the Usage code.

■ Compliance view

ChemSHERPA-AI Article Tool

File

Compliance

ToolVersion:chemSHERPA-A2.03.10

Product number: AAA-1000 Finalization date: Subject area: IEC62474

Product name: AAA-P01

Overall content flag: Y

Compliance: ☒ All show ☐ Filtering

Add Delete Convert from Composition All clear Update Simplification

| Subject substance | Candidate item | ID | Referenced laws & regulations | Reportable applications | Reporting threshold | Content above the threshold | Content rate (ppm) | Quantity of content | Usage code | Usage | Portion used | Remarks |
|----------------------------------|-------------------------------------|-------|----------------------------------|-------------------------|------------------------------|--|---------------------|---------------------|--------------------------|-------|--------------|---------|
| | | | | | | <input type="checkbox"/> Show "Y" only | Quantity of content | Unit | Input: Cell double-click | | | |
| 1 SG001 Asbestos | <input type="checkbox"/> | 00003 | [EU] REACH Regulation (EC) ... | All | Intentionally added [Rep... | <input type="checkbox"/> Show "Y" only | | | | | | |
| 2 SG002 Azocolourants and a... | <input type="checkbox"/> | 00004 | [EU] REACH Regulation (EC) ... | Textiles an... | 0.003% by weight of the ... | <input type="checkbox"/> Show "Y" only | | | | | | |
| 3 SG003 Boric acid | <input type="checkbox"/> | 00007 | [EU] REACH Regulation (EC) ... | All | 0.1 mass% of article [Rep... | <input type="checkbox"/> Show "Y" only | | | | | | |
| 4 SG004 Brominated flame re... | <input checked="" type="checkbox"/> | 00008 | (Standard) IEC 61249-2-21; ... | Printed wiri... | 0.09 mass% total bromin... | <input type="checkbox"/> Show "Y" only | | | | | | |
| 5 | | 00009 | (Standard) JEDEC JS709 | Plastic mat... | 0.1 mass% of bromine in ... | <input type="checkbox"/> Show "Y" only | | | | | | |
| 6 SG006 Cadmium/Cadmium co... | <input type="checkbox"/> | 00010 | [EU] RoHS Directive 2011/65... | All, except ... | 0.01 mass% of total Cd in... | <input type="checkbox"/> Show "Y" only | | | | | | |
| 7 | | 00011 | [EU] Battery Directive 2006/... | Batteries | 0.001% by weight of batt... | <input type="checkbox"/> Show "Y" only | | | | | | |
| 8 | | 00166 | [USA California] Electronic W... | Video displ... | 0.01 mass% of total Cd in... | <input type="checkbox"/> Show "Y" only | | | | | | |
| 9 SG008 Chromium (VI) Com... | <input type="checkbox"/> | 00012 | [EU] RoHS Directive 2011/65... | All | 0.1 mass% of total Cr+6 i... | <input type="checkbox"/> Show "Y" only | | | | | | |
| 10 | | 00167 | [USA California] Electronic W... | Video displ... | 0.1 mass% of total Cr+6 i... | <input type="checkbox"/> Show "Y" only | | | | | | |
| 11 SG009 Dibutyltin (DBT) com... | <input type="checkbox"/> | 00014 | [EU] REACH Regulation (EC) ... | All | 0.1 mass% of tin in the p... | <input type="checkbox"/> Show "Y" only | | | | | | |
| 12 SG010 Dioctyltin (DOT) com... | <input type="checkbox"/> | 00015 | [EU] REACH Regulation (EC) ... | (a) textile ... | 0.1 mass% of tin in the p... | <input type="checkbox"/> Show "Y" only | | | | | | |
| 13 SG011 Disodium tetraborate... | <input type="checkbox"/> | 00017 | [EU] REACH Regulation (EC) ... | All | 0.1 mass% of article [Rep... | <input type="checkbox"/> Show "Y" only | | | | | | |
| 14 SG012 Fluorinated Greenho... | <input type="checkbox"/> | 00018 | [EU] REGULATION (EU) No 5... | All | Intentionally Added [Rep... | <input type="checkbox"/> Show "Y" only | | | | | | |
| 15 SG013 Hexabromocycloclod... | <input type="checkbox"/> | 00020 | [EU] REACH Regulation (EC) ... | All | Intentionally added or 0... | <input type="checkbox"/> Show "Y" only | | | | | | |
| 16 SG014 Lead/Lead Compounds | <input checked="" type="checkbox"/> | 00021 | [EU] RoHS Directive 2011/65... | All, except ... | 0.1 mass% of total Pb in ... | <input type="checkbox"/> Show "Y" only | | | | | | |
| 17 | | 00022 | [USA] Consumer Product Saf... | Consumer ... | 0.01 mass% [ReportingL... | <input type="checkbox"/> Show "Y" only | | | | | | |
| 18 | | 00023 | [USA] Consumer Product Saf... | Paint and s... | 0.009 mass% of surface c... | <input type="checkbox"/> Show "Y" only | | | | | | |
| 19 | | 00024 | [USA California] Safe Drinkin... | Cables/cor... | 0.03 mass% of surface co... | <input type="checkbox"/> Show "Y" only | | | | | | |

Return to general Transit to composition

Error check Finalize

Enter items

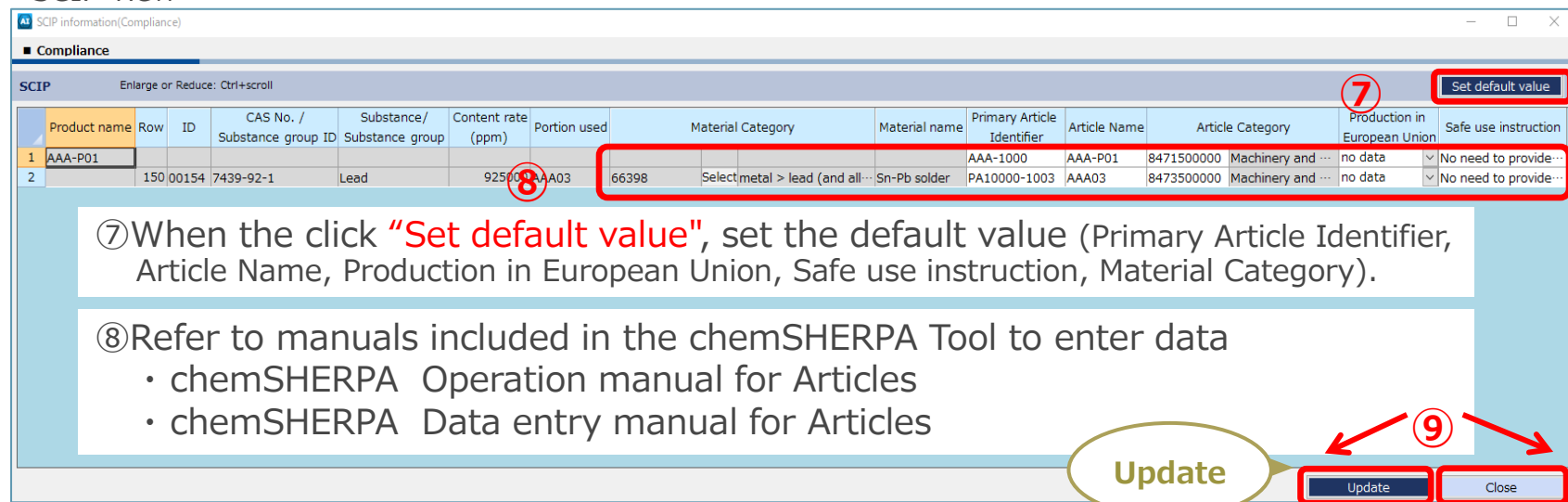
a

b

2-4) Enter compliance (SCIP) information (3/3)

- ⑥ Once Compliance information is entered and finalized, SCIP information view pops up. (*)
(Note 1) It is necessary that SCIP information (Compliance information) is ticked on the General window.
(Note 1) You cannot transition to the SCIP information view unless the Compliance is "Finalized".

■ SCIP view



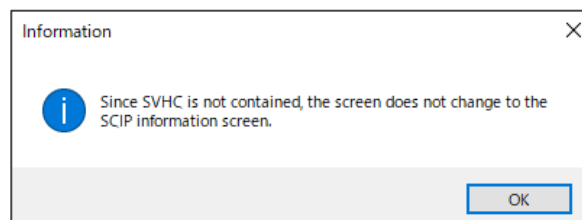
The screenshot shows the 'SCIP information(Compliance)' window. A red box labeled 7 highlights the 'Set default value' button. A red box labeled 8 highlights a row in the table with the following data: Product name: AAA-P01, Row: 1, ID: 150.00154, CAS No. / Substance group ID: 7439-92-1, Substance / Substance group: Lead, Content rate (ppm): 92500, Portion used: AAA03, Material Category: Select metal > lead (and all...), Material name: Sn-Pb solder, Primary Article Identifier: AAA-1000, Article Name: AAA-P01, Article Category: 8471500000 Machinery and ..., Production in European Union: no data, Safe use instruction: No need to provide... A red box labeled 9 highlights the 'Update' and 'Close' buttons at the bottom right. A large text box contains the following instructions:

⑦ When the click "Set default value", set the default value (Primary Article Identifier, Article Name, Production in European Union, Safe use instruction, Material Category).

⑧ Refer to manuals included in the chemSHERPA Tool to enter data

- chemSHERPA Operation manual for Articles
- chemSHERPA Data entry manual for Articles

(*) The above view will not appear if there is no SVHC substance to be registered. The following screen will be displayed.



- ⑨ Click "Update".
After confirming there is no error, click "Close"

1. Outline of Data entry support tool for Articles

Main View Layout, Request, Feature, Points to Note When Entering,
Declarable Substances, Tool Preparation

2. Data Entry Procedures

- 1) Enter basic information
- 2) Enter product/component information
- 3) Enter composition (SCIP) information
- 4) Enter compliance (SCIP) information
- 5) Error check
- 6) Authorization/output of entry date

2-5) Error check

Perform Error check

Alt Data entry support tool for the chemSHERPA-AI General ToolVersion:chemSHERPA-A2.03.10

File Company Language Tool chemSHERPA-AI Article Tool

General

| Issuer/Authorizer | | Requester | |
|----------------------|--|--------------------|--|
| Reference number * | P1001 | Reference number * | P1001 |
| Preparation Date * | 2021-04-14 | Request date * | 2021-04-08 |
| Authorization Date * | <yyyy-mm-dd> | Reply deadline | <yyyy-mm-dd> |
| Item | English | Item | English |
| Company name * | ABC Ltd. | Company name * | PFU Limited |
| Name of contact * | Ichiro Onoke | Requester Name * | Requester |
| Comment | | Requester Comment | |
| Authorizer name * | | | |
| Area | <input checked="" type="checkbox"/> IEC62474 | Area | <input checked="" type="checkbox"/> IEC62474 |

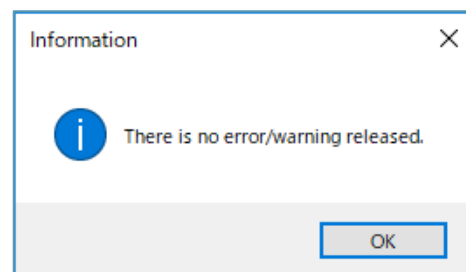
Product/Component ☒ Product ☒ Administrative

| | All | CPS | CPL | Product name | Product number | Manufacturer | Mass | Unit of | Product | Reporting unit | Remarks | Overall intent flag | Valid From |
|---|-------------------------------------|------|------|--------------|----------------|--------------|------|---------|---------|----------------|---------|---------------------|------------|
| 1 | <input checked="" type="checkbox"/> | Show | Show | AAA | PA10000-1000 | | | | | | | Y | 2021-04-14 |
| 2 | <input checked="" type="checkbox"/> | Show | Show | BBB | PA20000-2000 | | | | | | | N | 2021-04-14 |
| 3 | <input checked="" type="checkbox"/> | Show | Show | CCC | PA30000-3000 | | | | | | | N | 2021-04-14 |

Enlarge or Reduce: Ctrl+scroll
Sort: click ▲▼ button of the details side of Product/Component

Buttons: Citing, Delete, Add, Error check, Temporary save, Output (Request), Output (Authorization)

Confirm that the PFU Group Product No. is correctly entered.
* Duplicate product number is not allowed



Click "Error check" to confirm there is no error.

2-6) Authorization/output of entry date

1. Outline of Data entry support tool for Articles

Main View Layout, Request, Feature, Points to Note When Entering, Declarable Substances, Tool Preparation

2. Data Entry Procedures

- 1) Enter basic information
- 2) Enter product/component information
- 3) Enter composition (SCIP) information
- 4) Enter compliance (SCIP) information
- 5) Error check
- 6) Authorization/output of entry date

- ① Confirm "Product/Component information"
- ② Confirm "Composition (SCIP) information"
- ③ Confirm "Compliance (SCIP) information"

- ③ Click **"Show"** below **"CPL"** and confirm **"Compliance (SCIP) information"** (See page 21)
- ② Click **"Show"** below **"CPS"** and confirm **"Composition (SCIP) information"** (See page 19)

2-6) Authorization/output of entry date (2/3)

④ Enter "Authorizer information"

AI Data entry support tool for the chemSHERPA-AI General

File Company Language Tool

■ General

■ Issuer/Authorizer

■ Requester

Reference number * P1001 Remarks

Preparation Date * 2021-04-14 ☒ Composition

Authorization Date * <yyyy-mm-dd> ☒ Compliance

| Required item | Data entry item * Your company |
|-----------------|--------------------------------|
| Division name | Approver's division name |
| Title | Approver's title |
| Authorizer name | Approver's name |
| Email address | Approver's email address |
| Phone number | Approver's phone number |

Enter your Authorizer information

AI Data entry support tool for the chemSHERPA-AI Issuer/Authorizer ToolVersion:chemSHERPA-A2.03.10

<<Authorizer>> Import template Register template

| Item | English | Local |
|-------------------|---------|-------|
| Division name * | | |
| Title * | | |
| Authorizer name * | | |
| Email address * | | |
| Phone number * | | |
| Extension number | | |
| Postal code | | |
| Country | | |
| Prefecture | | |
| Municipality | | |
| Address | | |

Select "OK" ③

⑤ Enter "Authorization Date"

AI Data entry support tool for the chemSHERPA-AI General

File Company Language Tool

■ General

■ Issuer/Authorizer

Reference number * P1001 Remarks

Preparation Date * 2021-04-14 ☒ Composition

Authorization Date * 2021-04-14 ☒ Compliance

Item English Local

Company name * ABC Ltd.

Name of contact * Ichiro Uno

Comment

Authorizer name * Taro Takamatsu

Return to general view

Enter "Authorization Date"

2-6) Authorization/output of entry date (3/3)

2) Output entry data

- ① Select Products
- ② Click "Error check" to confirm there is no error. Click "Output(Authorization)"

Duplicate product number is not allowed

| Product number | Product name | Manufacturer name | Mass | Unit of mass | Product series name | Reporting unit | Remarks | Overall content flag | Valid From | Revision date | Revision history | Composition | Compliance |
|----------------|--------------|-------------------|------|--------------|---------------------|----------------|---------|----------------------|------------|---------------|------------------|--|--|
| PA10000-1000 | AAA-P01 | ABC Ltd. | 250 | g | DDD | piece | | Y | 2021-04-14 | | | 2021-04-14 13:55Finalize(with SCIP info) | 2021-04-14 13:55Finalize(with SCIP info) |
| PA20000-2000 | BBB-P02 | ABC Ltd. | 20 | g | DDD | piece | | N | 2021-04-14 | | | 2021-04-14 13:56Finalize(with SCIP info) | 2021-04-14 13:56Finalize(with SCIP info) |
| PA30000-3000 | CCC-P03 | ABC Ltd. | 30 | g | DDD | piece | | N | 2021-04-14 | | | 2021-04-14 13:57Finalize(with SCIP info) | 2021-04-14 13:57Finalize(with SCIP info) |

Error check

Output (Authorization)

- ③ Select "Output in V2ex format" and click "Authorize/Output"

Authorization

Do you authorize the data you entered to export chemSHERPA

Authorizer name (English) : Taro Talamatsu

Authorizer name (Local) :

■ "Responsible information handling"

"Responsible information handling" indicates such practices that an operator creates information on chemical substances in products to the possible extent in line with this "Rules of the use" under the chemSHERPA and based on inputs from suppliers, its own experience and achievements and scientific knowledge, and provide such information with an authorization in accordance with a specific procedure of the organization.

■ Disclaimer

The administration organization of the chemSHERPA is not liable for any direct or indirect loss resulting from information/data provided through or created by the Data Entry Support Tool.

☒ Output in V2ex format ☐ Output in V2 format

Authorize/Output Cancel

1, Select "Output in V2ex format"

2, Click "Authorize/Output"

◆How to submit chemSHERPA reply data (.shai)◆

☆Supplier who uses i-VaS(Web tool)

- Upload the data from i-VaS

<https://pitnet.pfu.ricoh.com/NPIT/loginp.asp?proj=IVAS>

☆Supplier who does not used i-VaS(Web tool)

- Send an email to PFU Purchasing Dept.

pfugreen-g@ml.ricoh.com

* Same as the submission of “Warranty of Compliance with PFU’s Requirement for Chemical Substance”

Appendix 2. Details of chemSHERPA data (Requirements)

For detail of data creation, METI(*) Overview Description and JAMP seminars would be helpful information sources.

* METI : Ministry of Economy, Trade and Industry

METI HP
http://www.meti.go.jp/policy/chemical_management/english/video.html

chemSHERPA by JAMP
 Joint Article Management Promotion-consortium

chemSHERPA HP
<https://chemsherpa.net/english>

Seminars

Data entry support tool/数据制作支持 (工具等)

| Date of publication | Tool | Outline | Download |
|---------------------|---|---|-------------------------------|
| 2021-03-31 | [English] Set of files of chemSHERPA data(AI) entry support tool for articles and manuals, Ver.2.03.10 | [English] Set of files of chemSHERPA data(AI) entry support tool for articles and manuals[Ver.2.03.10] * 64-bit OS version PC is required for tools after this version. | Download page |
| 2021-03-31 | [Chinese] 物品数据(AI)制作支持工具与操作手册 (一套) , Ver.2.03.10 | 物品数据(AI)制作支持工具与操作手册 (一套) [Ver.2.03.10] *此版本之后的工具需要64位OS版本的PC。 | Download page |
| 2021-03-31 | [English] Set of files of chemSHERPA data(CI) entry support tool for chemicals and manuals, Ver.2.03.10 | Set of files of chemSHERPA data(CI) entry support tool for chemicals and manuals[Ver.2.03.10] * 64-bit OS version PC is required for tools after this version. | Download page |

Linked website
 産業環境管理協会
 Japan Chemical Management
 Association for Industry

