

# chemSHERPA Manual (English)

## 目次

1. chemSHERPA: How to receive the tool .....P1~P2
2. General Information of the tool .....P3
3. How to input answers to Yaskawa .....P4~P14

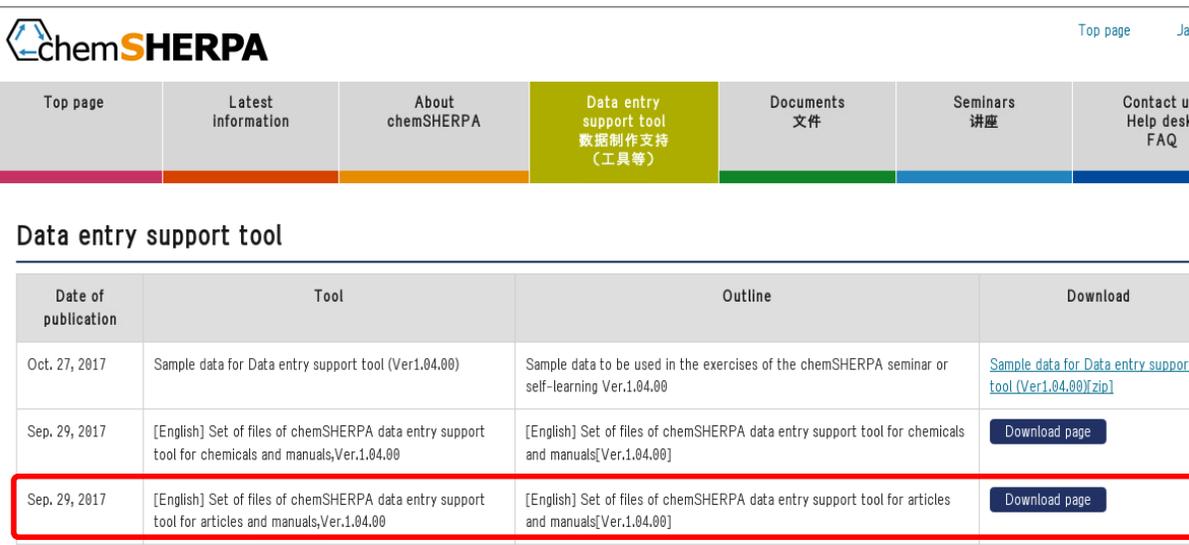
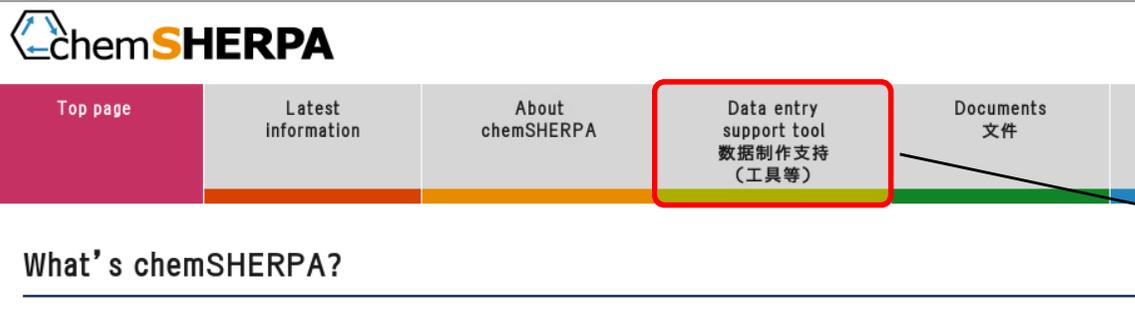
Contact: [green@yaskawa.co.jp](mailto:green@yaskawa.co.jp)

# 1. chemSHERPA: How to receive the tool

## Download Method

<URL>

<https://chemSherpa.net/chemSHERPA>



※ Since the tool sometimes gets upgraded, we highly recommend to use the latest version.

<Download Method>

Go to website of "chemSHERA" on the Internet.

Link

<https://chemsherpa.net/chemSHERPA>

Step 1

Click on "Data entry support tool"

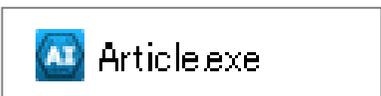
※We use "chemSHERPA Article".  
Not "Chemicals I".

Step2:

Click on the words following below.  
"[English] Set of files of chemSHERPA data entry support tool for articles and manuals[Ver.1.04.00]"  
"Download page"

# 1. chemSHERPA: How to receive the tool

作成者	YASKAWA ELECTRIC Procurement Div.	ページ	2
更新者	YASKAWA ELECTRIC Procurement Div.	作成日	2018/1/10
		更新日	



**Step3**  
Double click on Article. exe

※“Article” is answer formats.  
When Article.exe shows up, download of chemSHERPA should be completed.

## 2. General Information of the tool

### Basic Explanation of the tool

The screenshot shows the 'Data entry support tool for the chemSHERPA-AI' interface. The window title is 'General' and the version is 'ToolVersion:chemSHERPA-AI.04'. The interface is divided into several sections:

- General Section:** Contains fields for 'Issuer/Authorizer' (Reference number, Preparation Date, Authorization Date), 'Item' (English/Local), 'Company name', 'Name of contact', 'Comment', 'Authorizer name', and 'Area' (with a checkbox for 'IEC62474').
- Requester Section:** Contains fields for 'Requester' (Reference number, Request date, Reply deadline, Remarks), 'Item' (English/Local), 'Company name', 'Requester Name', 'Requester Comment', and 'Area'. There is also a checkbox for 'Information on request' and a checkbox for 'Compliance only'.
- Product/Component Section:** A table with columns: Product name, Product number, Manufacturer name, Mass, Unit of mass, Product series name, and Re. The table has 5 rows, with the first row highlighted. A checkbox is present in the first row.

Callouts and annotations:

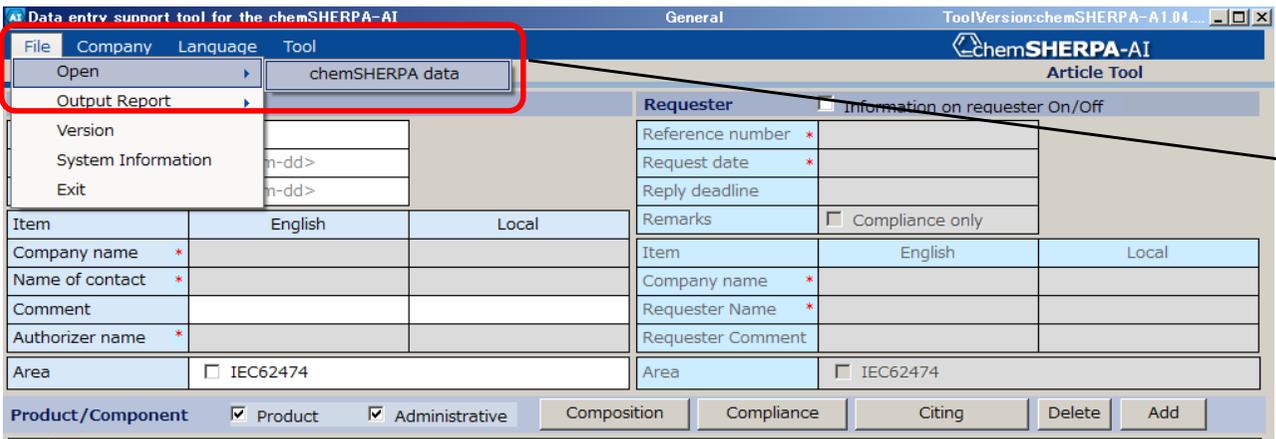
- 'Input datas about' points to the Issuer/Authorizer fields.
- 'Input datas about "Requester"' points to the Requester fields.
- 'Put a check mark on Area IEC62474.' points to the 'Area' checkbox.
- 'Input answers for Compliance' points to the 'Compliance only' checkbox.
- 'Input datas about "Product/Component"' points to the Product/Component table.

Buttons at the bottom: Error check, Temporary save, Output (Request), Output (Authorization).

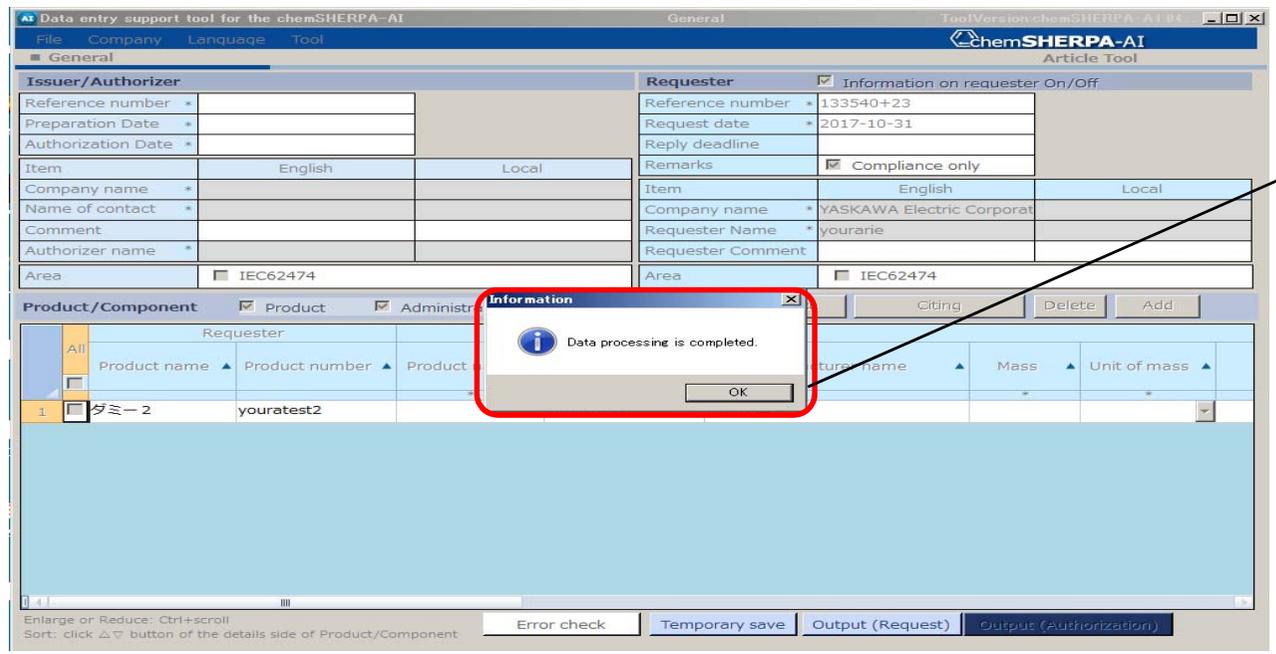
### 3. How to input answers to Yukawa

Download a shai file sent through email, and then input answers

We recommend to save the shai file sent from Yaskawa into your computer.



**Step1**  
Download a shai file that you have saved in your computer.  
File - Open - chemSHERPA data



**Step 2**  
Click on "OK".

### 3. How to input answers to Yukawa

#### Input answers

#### Step 3

Answers are required for all columns with red grid-lines under the category of "Product/Component" EX.

<Product/Component>

Product name \* : Your company's name  
 Product number \* : Serial numbers of your product

Manufacturer name \* :  
 Mass : Weight of a product delivered

Unit of mass : (chose "g" for unit)

Reporting unit : (chose "piece" for unit)

Valid From : (Put the date of input)

All	Product name	Product number	Product name	Product number	Manufacturer name	Mass	Unit of mass	Product series name	Reporting unit	Overall content flag	Valid From	Revision date
<input checked="" type="checkbox"/>	タミ-2	youratest2	*	youratest2	四浦商事	*	*		*		<yyyy-mm-dd>	<yyyy-mm-dd>

#### Step4:

Input datas about "Compliance"  
 Area : Put a check mark on IEC6 2 4 7 4  
 All : Put a check mark

Click on "Compliance"

### 3. How to input answers to Yukawa

Input "Compliance"

Data entry support tool for the chemSHERPA-AI | Compliance | ToolVersion-chemSHERPA-AI 04.00

File | ChemSHERPA-AI Article Tool

Product number: youratest2 | Finalization date: | Subject area: IEC62474

Product name: | Overall content flag: |

Compliance | Enlarge or Reduce: Ctrl+scroll | All show | Filtering | Add | Delete | Convert from Composition | All clear | Update

Subject substance		Candidate item	ID	Referenced laws & regulations	Type
CAS No./ Substance group ID	Substance/Substance group	<input type="checkbox"/> Show "ON" only			
1	SG001 Asbestos	<input type="checkbox"/>	00003	ANNEX XVII of REACH Regulation (EC) No 1907/2006. Unite...	
2	SG002 Azocolourants and azodyes whic...	<input type="checkbox"/>	00004	ANNEX XVII of REACH Regulation (EC) No 1907/2006	
3	SG003 Boric acid	<input type="checkbox"/>	00007	Candidate list for European REACH Regulation No. 1907/200...	
4	SG004 Brominated flame retardants (ot...	<input type="checkbox"/>	00008	Industry Standards IEC 61249-2-21 and IPC-4101	
5			00009	Joint JEDEC/ECA JS-709A Standard Defining "Low Halogen" ...	
6	SG006 Cadmium/Cadmium compounds	<input type="checkbox"/>	00010	2011/65/EU (EU/RoHS Directive and its amendments); ANN...	
7			00011	2006/66/EC EU Battery Directive and Korean Quality Manag...	

Where to input

- Candidate item
- Content above the threshold
- Content rate(ppm)
- Quantity of content
- Usage code
- Usage
- Portion used

Reporting threshold	Content above the threshold	Quantity of content		Usage code	Usage	Portion used
	<input type="checkbox"/> Show "Y" only	Content rate (ppm)	Quantity of content	Unit		
Intentionally added [ReportingLevel:Product]	<input type="checkbox"/>					
0.003% by weight of the finished textile/leat...	<input type="checkbox"/>					
0.1 mass% of article [ReportingLevel:Article]	<input type="checkbox"/>					
0.09 mass% total bromine content in lamina...	<input type="checkbox"/>					
0.1 mass% of bromine in plastic materials [R...	<input type="checkbox"/>					
0.01 mass% of total Cd in homogenous mat...	<input type="checkbox"/>					
0.001% by weight of battery [ReportingLeve...	<input type="checkbox"/>					

Please enter the data.

### 3. How to input answers to Yukawa

Subject substance		Candidate item	ID
CAS No./ Substance group ID	Substance/Substance group	<input type="checkbox"/> Show "ON" only	
		Clear	
14	SG014 Lead/Lead Compounds	<input checked="" type="checkbox"/>	00021
15			00022
16			00023
17			00024
18			00025
19	SG019 Mercury/Mercury Compounds	<input type="checkbox"/>	00029
20			00030

**Step 5**  
Put check marks on "Candidate item" if the parts contain "Subject substance"

Subject substance		Candidate item	ID	Referenced laws & regulations
CAS No./ Substance group ID	Substance/Substance group	<input checked="" type="checkbox"/> Show "ON" only		
		Clear		
14	SG014 Lead/Lead Compounds	<input checked="" type="checkbox"/>	00021	2011/65/EU (EU/RoHS Directive and its amendments)
15			00022	U.S. Consumer Product Safety Improvement Act as m
16			00023	U.S. Consumer Product Safety Improvement Act
17			00024	US/CA Proposition 65 Case law
18			00025	2006/66/EC EU Battery Directive; Chinese Standard G

Put a check mark on "Show "ON" only" to see Subject substances you had checked.

### 3. How to input answers to Yukawa

Reportable applications	Reporting threshold	Content above the threshold		Quantity of content	
		<input type="checkbox"/> Show "Y" only	Content rate (ppm)	Quantity of content	Unit
All, except for: 1. b...	0.1 mass% of total Pb in homogenous mater...				
Consumer products ...	0.01 mass% [ReportingLevel:Product]				
Paint and similar surf...	0.009 mass% of surface coating material [R...				
Cables/cords with th...	0.03 mass% of surface coating material [Re...				
Batteries	0.004 mass% of battery [ReportingLevel:Pro...				

**Step 6**

- Chose "Content above the threshold - "Y/N" from Reportable applications / Reporting threshold.
- Input data of "Content rate(ppm)".
- Input data of "Quantity of content (Quantity of content / Unit)".

Usage code	Usage	Portion used	Remarks
Input: Cell double-click			
Please enter the data.			
Please enter the data.			
Please enter the data.			

**Step 7**

It is required to input datas into columns with a sentence of "Please enter the data"  
 "Usage code - Input : Cell double-click"  
 Double click on cells.

Select usage code

Select multiple application codes (Press the "Ctr" key and select code)

(Caution) Use this column for only inputing multiple application codes per a part.

Laws & regulations	Code	Description
RoHS	7(a)	Lead in high melting temperature type solders (i.e. lead- based alloys containing 85 % by weight or more lead)
RoHS	7(c)-I	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound
RoHS	7(c)-II	Lead in dielectric ceramic in capacitors for a rated voltage of 125 V AC or 250 V DC or higher
RoHS	7(c)-III	Lead in dielectric ceramic in capacitors for a rated voltage of less than 125 V AC or 250 V DC may be used in spare parts for EEE placed on the market before 1 January 2013

Valid Invalid **Select** Clear

**Step 8**

Click on "Code" that is subjected.  
 Then click on "Select".

### 3. How to input answers to Yukawa

Usage code	Usage	Portion used	Remarks
Input: Cell double-click			
RoHS-7(a)	○○○	○○○	
Please enter the data.			
Please enter the data.			

Usage code (from step 8) shows up.

#### Step9

- Input data of "Usage"
- Input data of "Portion used".

All show    Filtering   Add   Delete   Convert from Composition   All c

Candidate item	Reporting threshold	Content above the threshold	Content rate (ppm)	Quant
<input checked="" type="checkbox"/> Show "ON" only		<input type="checkbox"/> Show "Y" only		
Clear		Batch "N"		
<input checked="" type="checkbox"/>	0.1 mass% of total Pb in homogenous mater...	Y	90000	
	0.01 mass% [ReportingLevel:Product]			

**Warning**

There is an ID with Y entered. Do you want to enter N in rows of ID only?  
If No, N is applied to all row.

はい(Y)   いいえ(N)   キャンセル

#### Step10

Input "N" for subjected substances that are Not included in the parts after inputting datas for all subject substances included in the parts.

Click on "Batch "N" ", and then click on "はい (Y)" "N" will show up inside column(s) that the data has not input.

Reporting threshold	Content above the threshold	Content rate (ppm)	Quant
	<input type="checkbox"/> Show "Y" only		
	Batch "N"		
of total Pb in homogenous mater...	Y		
% [ReportingLevel:Product]	N		
% of surface coating material [R...	N		
% of surface coating material [Re...	N		
% of battery [ReportingLevel:Pro...	N		

All answers has been input.

### 3. How to input answers to Yukawa

The screenshot shows the ChemSHERPA-AI Article Tool interface. At the top, there are input fields for Product number, Product name, Finalization date, and Subject area (IEC62474). Below this is a table for compliance data. The table has columns for Subject substance, Candidate item, Reporting threshold, Content above the threshold, Content rate (ppm), and Quantity of content. Row 14 is highlighted, showing SG014 Lead/Lead Compounds with a reporting threshold of 0.1 mass% of total Pb in homogenous material and a content rate of 90000 ppm. The 'Finalize' button at the bottom right is highlighted with a red box.

#### Step11

Click on "Finalize" after inputting all datas.

※If the any input is incomplete or the data you had input is not correct, the process will get an error.

A warning dialog box with a yellow triangle icon. The text reads: "Are you sure to finalize information for compliance assessment?". There are two buttons: "OK" and "キャンセル" (Cancel). The "OK" button is highlighted with a red box.

#### Step12

Click on "OK"

An information dialog box with a blue 'i' icon. The text reads: "Your entry is finalized.". There is one button: "OK". The "OK" button is highlighted with a red box.

#### Step 13

Click on "OK".

The process has been finalized.

The screenshot shows the ChemSHERPA-AI Article Tool interface. At the bottom, there are buttons for "Return to general", "transit to composition", "Error check", and "Release Finalize". The "Return to general" button is highlighted with a red box.

#### Step14

Click on "Return to general"

### 3. How to input answers to Yukawa

Input data about "Issuer/Authorizer"

**Step15**  
Click on "Company" — Enter — Issuer/Authorizer"

**Step 16**  
Input information of Issuer in your company. Input is required into all columns with "\*" marks  
After inputting all datas, you can save it as a template by clicking on "Register template".  
Next time, you can use the template by clicking on "Import template".

### 3. How to input answers to Yukawa

<<Authorizer>>    Import template    Register template

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

**Step 17**  
 Input information of Authorizer on the downside of the webpage.  
 Click on "OK" on the upperside of the webpage.

After inputting all information, you can save it as a template by clicking on "Register template".  
 Next time, you can use the template by clicking on "Import template".

Data entry support tool for the chemSHERPA-AI    General    ToolVersion:chemSHERPA-AI.04

File    Company    Language    Tool    ChemSHERPA-AI Article Tool

■ General

Issuer/Authorizer		Requester <input checked="" type="checkbox"/> Information on requester On/Off	
Reference number *	123	Reference number *	135540+23
Preparation Date *	2017-11-20	Request date *	2017-11-01
Authorization Date *	2017-11-20	Reply deadline	2017-11-01
Item	English    Local	Remarks	<input type="checkbox"/> Compliance only
Company name *	AAABBB	Item	English    Local
Name of contact *	Mark	Company name *	YASKAWA Electric Corporat
Comment		Requester Name *	youra
Authorizer name *		Requester Comment	
Area	<input type="checkbox"/> IEC62474	Area	<input type="checkbox"/> IEC62474

Product/Component     Product     Administrative    Composition    Compliance    Citing    Delete    Add

Requester							
All	Product name Δ	Product number Δ	Product name Δ	Product number Δ	Manufacturer name Δ	Mass Δ	Unit of mass Δ
<input checked="" type="checkbox"/>	ダミー-2	youratest2	ダミー-2	youratest2	youra cor.	30	g
<input type="checkbox"/>							

**Step 18**  
 Input on those 3 below...  
 Reference number  
 Preparation Date  
 Authorization Date

Input the number your company had made for "Reference number".

### 3. How to input answers to Yukawa

**Issuer/Authorizer**

Reference number *	123
Preparation Date *	2017-11-20
Authorization Date *	2017-11-20

**Requester**  Information on requester On/Off

Reference number *	135540+23
Request date *	2017-11-01
Reply deadline	2017-11-01
Remarks	<input type="checkbox"/> Compliance only

**Product/Component**  Product  Administrative

Requester	Product name	Product number	Product name	Product number	Manufacturer name	Mass	Unit of mass
1	ダミー-2	youratest2	ダミー-2	youratest2	youra cor.	30	g

Output (Request) **Output (Authorization)**

#### Step 19

After inputting all information, click on "Output(Authorization)".

Do you authorize the data you entered to export chemSHERPA

Authorizer name (English) : aaa

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

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.

Users have full responsibility for using any and all information/data provided under

**Authorize/Output** Cancel

#### Step 20

Click on "Authorize/Output".

### 3. How to input answers to Yukawa

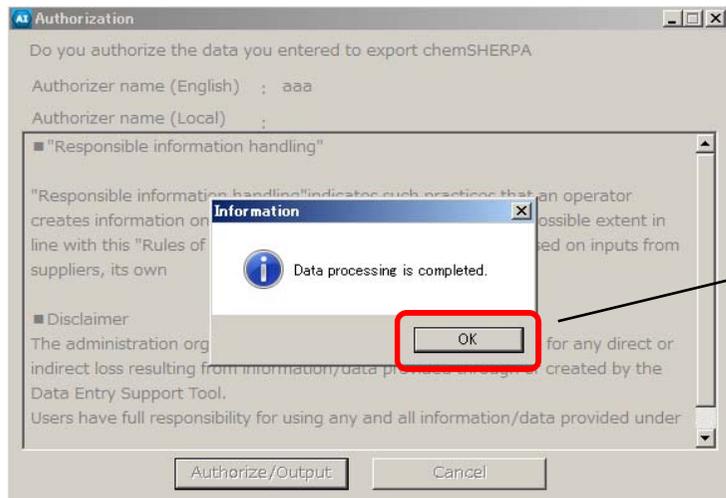
		ページ	14
作成者	YASKAWA ELECTRIC Procurement Div.	作成日	2018/1/10
更新者	YASKAWA ELECTRIC Procurement Div.	更新日	



#### Step 21

Save the file (webpage).

Filename extension should be "shai".



#### Step 22

Click on "OK"

After completion,  
send shai file and the  
certificate of non-inclusion of  
Subject substance  
to