Release notes collection for data entry support tool

Tool Version V2R1.02.0

(External List Version 2.12.00)

Published July 7, 2025

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Integrated Version 2.00.00

Published September 4, 2019

2025.9.24

JAMP Secretariat

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Data Entry Support Tool Release Notes

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1. Tool Version V2R1.02.00 Update Information

1.1. Data entry support tool for Articles / Data entry support tool for Chemicals Common

(1) Improvements to the display of composition information

The column width for the sequential number (row number) in the composition information screen has been adjusted to match the length of the text string.

(2) Improvements to error messages

In the Composition Information Screen, the error message displayed when there is an error in the CAS number has been changed to: "Check that the CAS number is correct, and if no substances or candidates fall under relevant standards, check “Except for Declarable Substances (including candidates)””.

1.2. Data Entry Support Tool for Articles

(1) Changed the display format for the "Number" of Components on the SCIP Information

- The display format for the "Number" of Components on the SCIP Information has been changed from an integer to a decimal. The number of digits has been adjusted to match the Quantity of components on the Composition Information Screen.

(2) Bug Fixes

- In cases where there was a large amount of component information, deleting components could take an excessive amount of time. We have revised the process to reduce the time required for deletion.

2. External list[*11] updates for version 2.12.00

2.1. Substance List Update

Please refer to the Manual "Explanation of chemSHERPA Declarable Substances Ver2.12.00".

2.2. Updated information on IEC62474 area

Version D31.0 of the list of substances covered by IEC62474 is now supported. The main changes are as follows:

(1) Two substances have been added.

Report ID	CAS RN	Substance (group) name	Typical Applications	Reporting threshold
00212	17928-28-8	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane	All	0.1 mass% of article or mixture
00213	141-62-8	Decamethyltetrasiloxane	All	0.1 mass% of article or mixture

Basis for inclusion : [EU] REACH Regulation (EC) No. 1907/2006 Candidate List for Authorization

(2) The reporting thresholds for the following two substances have been changed. For these substances, when updating data created with tools prior to Ver. 2.11, it is necessary to enter the content flag (Y/N), etc. again.

Report ID	Substance Name	D31.0 (included in external list Ver2.12)	D30.0 (listed in external list Ver2.11)
00130	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	Intentionally added or 0.0001 mass% of article	0.1 mass% of article
00147	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	Intentionally added or 0.0001 mass% of article	0.1 mass% of article

※1 External lists are groups of data, such as substance lists, exemption lists, ArticleCategory, etc., that are referenced by the data entry support tool.

2.3. Application list update

The main updates are as follows.

- Based on the update of the EU RoHS Annex IV Exemption List in IEC 62474 (IEC62474_Exemptions-EU-RoHS-AnnexIV-E6.0-20250625.xlsx), Added EU RoHS Annex IV usage codes 41a (01045-C-00) and 49 (01053-A-0).
- The deadline for ELV Directive 5(a) (ELV_0080) has been revised.
- Added the application (6-digit code) for the restriction on lead-containing polyvinyl chloride (PVC) under Entry 63 of Annex XVII of the REACH Regulation ((EU) 2023/923). In the composition information, input of the substance use is required for lead/lead compounds in PVC (material classification code P514).

  For compliance information, usage codes must be entered when the content above the threshold flag for lead/lead compounds (Report ID: 00021) is set to Y. Regarding compliance information, additional usage codes must be entered for all existing data, including lead/lead compounds, which can be a significant updating burden. Therefore, it is permitted to leave the relevant usage codes unselected (although selecting a RoHS exemption is required).

<Notes>

- Regarding EU RoHS exemptions, for exemptions (codes) applicable to multiple product categories, if an extension application has been submitted for some of those categories, the expiration date of the exemption is set to TBD ("8888-12-31") (because the codes are not separated in the IEC 62474 exemption list). Therefore, there is a possibility that the product may fall under a category where the extension has not been granted. For details, please refer to the European Commission's website (https://environment.ec.europa.eu/topics/waste-and-recycling/rohs-directive/implementation-rohs-directive_en) or other relevant sources.

2.4. Expiration date of this version of the external list

The data entry support tool for this version of the external list will be available until August 31, 2026; after September 1, the tool will display an error message and will no longer be available.

chemSHERPA updates the substance list on a regular basis (twice a year), and at the same time reviews the Application List and updates the external list. Please update to the latest external list as appropriate.

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3. Update information for tool version V2R1.01.00

3.1. Data entry support tool for Articles / Data entry support tool for Chemicals Common

(3) Bug fix

- Due to differences in the locale of the PC environment (attribute settings such as country and region, or language environment models and definitions), there were cases of missing decimal points, incorrect recognition of schema information, etc., when used in foreign countries.

3.2. Data Entry Support Tool for Articles

(3) Improve CI→AI conversion functionality

- Flags for "Except for Declarable Substances (including candidates)" communicated by chemSHERPA-CI are now inherited by CI→ AI conversion.

(4) Improvement of Excel forms

However, since V2R1, the product information is now displayed on the first line of the Composition screen, so the SCIP information of the product is also output on the EXCEL form from Composition screen.

(5) Bug fix

- When repeatedly switching "information on requester" on and off, an error message "Area not selected" was displayed when you clicked "Output (request)". This has been fixed.
- Fixed a problem in which Composition/FMD was not displayed on the Composition Information screen after the integration of the component information.
- When V2 format data was read and Integration processing was performed, some SCIP information was missing. This has been fixed.
  Reference link: https://chemsherpa.net/news/chemsherpa-en/?p=4290
- Regarding Composition information including SCIP information, there was an error in which SCIP information was not deleted when the SVHC applicable substance contained in a component was modified and the SVHC applicable substance was changed to a situation where it was not contained. This has been corrected.
- A problem in which the content rate of a substance in an article was displayed on the EXCEL form and the SCIP information screen for a substance that is not an SVHC (SVHC substance usage code is "Not-Relevant") on the Composition information screen has been corrected.

3.3. Data entry support tool for chemicals

（1） Addition of Supplemental Note to Declaration on "Content status on Declarable Substances" in Products

The following supplemental information regarding "Content status on declarable substances" on the Composition Information screen is now displayed.

Supplemental message: Although "(Including candidates)" is listed in the options for "Content status on declarable substances", if “Not selected” or "No" is selected in the "Reporting of Candidate of Declarable Substances" options on the General screen, candidates are not included."

（2） Bug fix

- When checking for errors on the Composition information screen, cells with errors were colored red, but the "Content status on declarable substances" was not colored. This has been fixed.

4. External list*2 updates for version 2.11.00

4.1. Substance List Update

Please refer to the Manual “Explanation of chemSHERPA Declarable Substances Ver2.11.00”.

4.2. Updated information on IEC62474 area

Version D30.0 of the list of substances covered by IEC62474 is now supported. The main changes are as follows

(3) Seven substances (groups) were added.

report ID	CAS RN	Substance (group) name	Typical Applications	Reporting threshold
00205	-	PFHxS-related compounds	All	Intentionally added or 0.0001 mass% of one or a combination of PFHxS-related compounds in article
00206	115-86-6	Triphenyl phosphate	All	0.1 mass% of article
00207	2156592-54-8	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	All	0.1 mass% of article or mixture
00208	597-82-0	O,O,O-triphenyl phosphorothioate	All	0.1 mass% of article or mixture
00209	107-51-7	Octamethyltrisiloxane	All	0.1 mass% of article or mixture
00210	338-83-0	Perfluamine	All	0.1 mass% of article or mixture
00211	192268-65-8	Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	All	0.1 mass% of article or mixture

Basis for inclusion:

Report ID:00205:[EU] Persistent Organic Pollutants (POPs) Regulation (EU) 2019/1021

Report ID:00206-00211:[EU] REACH Regulation (EC) No. 1907/2006 Candidate List for Autorisation

(4) The reporting thresholds for the following two substances have been changed. For these substances, when updating data created with tools prior to Ver. 2.10, it is necessary to enter the content flag (Y/N), etc. again.

*2 External lists are groups of data, such as substance lists, exemption lists, ArticleCategory, etc., that are referenced by the data entry support tool.

report ID		D30.0 (included in Ver. 2.11)	D29.0 (included in Ver. 2.10 or earlier)
00004	Azocolourants and Azodyes which form certain aromatic amines	Intentionally added	0.003% by weight of the finished textile/leather product
00143	Perfluorohexane-1-sulphonic acid and its salts	Intentionally added or 0.0000025 mass% of PFHxS or any of its salts in article	0.1 mass% of article

(5) Due to a revision of the underlying legislation, the concentration condition for " Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)" in Report ID 00162 has been deleted and it has been changed to "Tris(4-nonylphenyl, branched and linear) phosphite (TNPP)".

4.3. Application list update

The main updates are as follows

- Based on the updated list of EU RoHS Annex III exemptions in IEC62474 (IEC62474-Exemptions-EU-RoHS-AnnexIII-E6.0-20250227), EU RoHS Annex III Application Codes 9(a)-III (00122-A-00). 24 (00079-B-05), 29 (00084-B-05), 39(a) (00095-A-01), 39(b) (00121-A-00), 46 (00123-A-00) were added, the deadlines for 39(a) (00095-A-00) and 45 (00109-A-00) were changed, the product category of 24 (00079-B-04) and the deadline and product category of 29 (00084-B-04) werechanged.
- Added use (6 codes) for REACH restricted substance PFHxA
- Corrected a misprint in the use name of TSCA_0114 DecaBDE-2
- Corrected the deadline for ELV 2(c)(ii).
- EU RoHS AnnexIV 42 deadline changed

<Note>

- Regarding EU RoHS exemptions, in the case of exemptions (codes) that apply to multiple product categories, if an extension has been applied for some of those categories, the expiration date of the exemption is TBD ("8888-12-31"). because the codes are not separated in the list of exemptions in IEC62474. *Therefore, it is possible that your product falls into a category for which the deadline has not been extended, so please refer to the European Commission website (https://environment.ec.europa.eu/topics/waste-and-recycling/rohs-directive/implementation-rohs-directive_en), etc.*
- Entry 63 of Annex XVII of the REACH regulation has been amended to add lead-containing polyvinyl chloride (PVC) to the scope of the regulation ((EU) 2023/923), but at this time chemSHERPA does not have an exemption for lead and its compounds in PVC. This is because additional input of exemptions is required for all existing data including lead and its compounds, which places a heavy burden on users. If the exemption applies to lead and its compounds in PVC, please note this in the comments section or take other appropriate action.

4.4. Expiration date of this version of the external list

The data entry support tool for this version of the external list will be available until March 31, 2026; after April 1, the tool will display an error message and will no longer be

available.
chemSHERPA updates the substance list on a regular basis (twice a year), and at the same time reviews the use list and updates the external list. Please update to the latest external list as appropriate.

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5. Update information for V2R1.00.1 of the Data (AI) Entry Support Tool for Articles

In Data (AI) Entry Support Tool for Articles V2R1.00.0, a problem occurred under certain conditions when the row of substance information in the Composition Information screen was deleted.

For details of the problem, please refer to the following report.
https://chemsherpa.net/english/tool#sample
chemSHERPA_Tool_V2R1_Technical_Report_No.1_EN

Data (CI) entry support tool for chemicals V2R1.00.0 is not applicable.

September 13 2024

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6. Update information for tool version V2R1.00.0

6.1. Common to Chemicals/Articles Data Entry Support Tool

（1） Revision to V2R1

The chemSHERPA Chemical/Article Data Creation Support Tool has been updated to V2R1 for the following reasons and purposes.

[Background of development]

① chemSHERPA is fundamentally based on the international standard IEC62474, but a delay in the implementation of the next version is anticipated.

② It is determined that, to realize the concept of "Connected Chemical Information" of chemSHERPA, support functions that can further promote information communication within the framework of the current V2 are necessary.

[Development Objective]

To realize the concept of "Connected Chemical Information":

① Expansion to "multi-level representation" of parts to improve compliance with IEC62474 and linkage with other schemes

② Addition of “FMD(Full Material Declaration)" function for companies that provide information to both automotive and electrical/electronics customers

③ Provision of CI→AI linkage function for manufacturers that produce initial articles

To improve utilization and convenience

④Addition of Candidate of Declarable Substances to the substance list to suppress individual company investigations before regulations are issued

※For details, please see the attached "chemSHERPA V2R1 Overview Explanation, Operation Manual, and Data Entry Manual."

6.2. data entry support tool for articles

Other than the above "chemSHERPA V2R1 Overview Explanation" which describes the main changes in tool V2R1, the update information is as follows.

（4） Addition of a search function for SCIP-related information items Article Category

Article Category, one of the SCIP-related information items, previously required manual input of the TARIC code, but can now be searched by article category

name (partial matches are also possible) and/or TARIC code.

(5) Changes to the conditions for quoting composition information on the SCIP information screen (Composition information)

On the SCIP information screen for Composition, data was quoted (transcribed) if it contained SVHC, but this has been changed so that it is quoted (transcribed) only if SVHC is present at 0.1% or more per article.

In addition, the default application condition when pressing the "Set default value" button has been changed from over 0.1% per material to over 0.1% per article.

(6) Added warning regarding exemptions from China RoHS

A correction has been made so that a warning is displayed for substances with China RoHS exemptions when the exemption is not selected.

(7) Change in cell color for warnings and errors

Cells with errors are now displayed in red, and cells with warnings in yellow.

(8) Improvements to the selection of EU RoHS exemptions

In the IEC 62474 exemption list, for items that have only had their expiration date changed but have been given new IDs, users were previously required to reselect their use. However, we have made improvements so that some IDs are automatically converted without the need for reselection.

(9) Bug fixes for UVCB substances added in Ver. 2.09

In Ver. 2.09, the following two substances were added to the SVHC use code input target on the composition information screen, but if SVHC non-relevant ("Not-Relevant") was selected for the two substances, the substances should have been excluded from the target of “Conversion from Composition to Compliance Judgment”, but this setting was not possible. This has been corrected.

・CAS number 12060-00-3 Lead titanium trioxide

・CAS number 1327-53-3 Diarsenic trioxide; arsenic trioxide

(Reference) Regarding the setting error when selecting SVHC not applicable in chemSHERPA data(AI) entry support tool for articles, Ver.2.09.00

https://chemsherpa.net/news/chemsherpa-en/?p=3970

7. External list* [3] Update information for version ver2.10.00

7.1. Substance list update

Please refer to the Manual "Explanation of chemSHERPA Declarable Substances Ver2.10.00".

7.2. Information update for IEC62474 area

The IEC62474 target substance list version D29.0 is now supported. The main changes are as follows:

（6） The following 3 substances have been added.

Report ID	CAS RN	Substances (groups) name	Typical Applications	Reporting threshold
00202	80-43-3	Bis(α,α-dimethylbenzyl) peroxide	All	0.1 mass% of article
00203	27554-26-3	Diisooctyl phthalate (DIOP)	All	0.1 mass% of article or mixture
00204	67-97-0	Colecalciferol	All	0.1 mass% of article or mixture

*Basis for inclusion:

[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorization (ID:00202)

[France] Anti-Waste and Circular Economy Law 2020-105 (ID:00203, 00204)

（7） Report ID: 00045 Polybrominated diphenyl ethers (PBDEs)

The reporting threshold has been changed as follows. For this substance, when updating data created with tools prior to Ver. 2.09, it is necessary to re-enter the content judgment (Y/N), etc.

<Changes in Report ID: 00045 Polybrominated diphenyl ethers (PBDE)>

item	D29.0 (listed in Ver2.10)	D28.0 (listed before Ver2.09)
Reporting threshold	0.1 mass% in homogenous material or Intentionally added	0.1 mass% in homogenous material

[3] External lists are data groups such as substance lists, exemption lists, and Article Categories, and are referenced by the data entry support tool.

7.3. Application list update

The main updates are as follows:

・Based on the update of the EU RoHS AnnexIV exemption list in IEC62474 (IEC62474_Exemptions-EU-RoHS-AnnexIV-E5.0-20231020.xlsx), EU RoHS Usage codes 01031-B-00 and 01052-A-00 have been added and the expiration date of 01031-A-00 has been changed.

・Regarding the EU RoHS expiration date, the expiration date for uses under EU deliberation that is before the tool startup deadline has been changed to TBD (8888-12-31). The target usage code is 01009-A-02.

・The Application (J) of REACH17_0119 in REACH Annex XVII has been revised.

・1.2(5) Improvements to the selection of EU RoHS exemptions have been made to the following three codes. The following codes will be automatically converted to the new codes when loaded.

EU RoHS Usage code (old)	EU RoHS Usage code (new)
00028-A-00	00028-A-01
00047-A-00	00047-B-00
01041-A-00	01041-B-00

＜Notes＞

・Regarding exemptions from Annex III of EU RoHS, chemSHERPA uses the Exemption Lists of IEC62474 (latest version: E5.0 (issued on July 15, 2022)), so "Commission Delegated Directive (EU)2024/1416 of 21 May 2024 amending Directive 2011/65/EU of the European Parliament and of the Council on the exemption of cadmium in downshifting crystalline quantum dots directly deposited on LED semiconductor chips" (39(a) deadline setting, 39(b) addition) is not reflected.

・Regarding exemptions from EU RoHS, if an exemption (code) that applies to multiple product categories has been applied for an extension application in some of those categories, the deadline for the exemption is TBD (“8888-12-31”) (because

the codes are not separated in the exemption list of IEC62474). Therefore, the product may fall under a category for which the deadline has not been extended. For details, please check the European Commission website (https://environment.ec.europa.eu/topics/waste-and-recycling/rohs-directive/implementation-rohs-directive_en).

・Entry 63 of Annex XVII of the REACH Regulation has been amended to add lead-containing polyvinyl chloride (PVC) to the list of regulated substances ((EU) 2023/923). However, chemSHERPA does not currently set exemptions for lead and its compounds in PVC. This is because it would be necessary to enter exemptions for all existing data, including lead and its compounds, which would be an extremely heavy burden on users. If the product falls under the exemption for lead and its compounds in PVC, please take appropriate action, such as by stating this in the comments section.

7.4. Updating the selection of Article Category and other SCIP-related information

In accordance with the change in the SCIP format (update to SCIP Format_v5_2024-04-23), the Article Category options have been updated. Options with "[Deleted]" at the beginning of the category name of the article are abolished codes in the SCIP database and must be replaced with new codes. If an abolished code is selected, a warning will be displayed during data check. In the future, this will be treated as an error, so please take action as soon as possible.

In addition, for the five options shown in the table below, the PhraseID (ARTICLE_CATEGORY_ID in the external list) for the TARIC code has been changed. Therefore, if you load data containing these PhraseIDs, the Article Category will be blank on the tool. Please enter it again.

In addition, there was a minor change in the wording of the options for “Production in European Union”, so this has been reflected.

The list of Article Category options is available at the URL below.
SCIP Format: https://echa.europa.eu/scip-format

Table: TARIC codes with changed PhraseIDs

PhraseID (旧)	PhraseID (新)	TARIC Code	PhraseText (ARTICLE_CATEGORY)
97169	138224	3901908053	Plastics and articles thereof > Polymers of ethylene, in primary forms: > Other > Other > Copolymer of ethylene and acrylic acid (CAS RN 9010-77-9) with - an acrylic acid content of 18,5 % or more but not more than 49,5 % by weight (ASTM D4094), and - a melt flow rate of 10g/10 min (MFR 125 °C/2.16 kg, ASTM D1238) or more
97206	138225	3903110000	Plastics and articles thereof > Polymers of styrene, in primary forms: > Expansible
97252	138232	3904610000	Plastics and articles thereof > Polymers of vinyl chloride or of other halogenated olefins, in primary forms: > Polytetrafluoroethylene

97373	138233	3907910000	Plastics and articles thereof > Polyacetals, other polyethers and epoxide resins, in primary forms; polycarbonates, alkyd resins, polyallyl esters and other polyesters, in primary forms: > Unsaturated
97434	138234	3911901100	Plastics and articles thereof > Petroleum resins, coumarone-indene resins, polyterpenes, polysulphides, polysulphones and other products specified in Note 3 to this Chapter, not elsewhere specified or included, in primary forms: > Other > Condensation or rearrangement polymerisation products whether or not chemically modified > Poly(oxy-1,4-phenylenesulphonyl-1,4-phenyleneoxy-1,4-phenyleneisopropylidene-1,4-phenylene), in one of the forms mentioned in note 6(b) to this chapter

7.5. Expiration date of this version of the external list

The expiration date for this version of the external list in the data entry support tool is August 31, 2025. After September 1, an error will be displayed in the tool and it will no longer be usable.
chemSHERPA updates the substance list regularly (twice a year), and at the same time reviews the use list and updates the external list. Please update to the latest external list as appropriate.

March 8 2024

Data Entry Support Tool (Integrated Version 2.09.00)

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8. Tool added functions, changes, troubleshooting

8.1. Common to Chemicals/Articles Data Entry Support Tool

The following minor fixes have been made.

- For the English version of the Excel form, full-width brackets have been changed to half-width brackets.
- When pressing the "Output (Authorization)" button with the manufacturer name containing "@", a message was displayed stating that it could be output as a temporary file, but since this was not actually possible, the message was changed to the correct one.
- When using the tool in a multi-monitor environment, when transitioning from the General information window to the Composition information window or compliance information window (article tools only), those windows may not be displayed on the same monitor as the General information window. It has been modified to be displayed on the same monitor.

8.2. data entry support tool for articles

(10) Changing the product name, level name, etc. to one-byte alphanumeric characters input

Regarding the restriction of product names in the Product/Component information on the General information window and Level/Names on the Composition information window to half-width alphanumeric input, error checking has been gradually strengthened as shown below.

The phased measures end with this version.

- Entry CHK: Tool error check

Tool version (release)	General Window				Composition Window			
	product name of requester		Product Name		Level Name		Component Name	
	Entry CHK	2-byte character mode	Entry CHK	2-byte character mode	Entry CHK	2-byte character mode	Entry CHK	2-byte character mode
2.03.00 (Winter FY2020)	WARNING	OFF	WARNING	OFF	N/A	OFF	N/A	OFF
2.04.00 (Summer FY2021)	↓	↓	↓	OFF locked	WARNING	↓	WARNING	↓
2.05.00 (Winter FY2021)	↓	OFF locked	ERROR	↓	↓	↓	↓	↓
2.06.00 (Summer FY2022)	↓	↓	↓	↓	↓	↓	↓	↓
2.07.00 (Winter FY2022)	ERROR	↓	↓	↓	↓	OFF locked	↓	OFF locked
2.08.00 (Summer FY2023)	↓	↓	↓	↓	↓	↓	↓	↓
2.09.00 (Winter FY2023	↓	↓	↓	↓	ERROR	↓	ERROR	↓

N/A: No check is performed for other than one-byte alphanumeric characters.
WARNING: Other than one-byte alphanumeric characters will trigger a warning (Approved data can be output).
ERROR: Other than one-byte alphanumeric characters will trigger an error (Approved data cannot be output).

- 2-byte character mode: Two-byte character permission mode

OFF: Only one-byte alphanumeric characters are allowed by default. Two-byte characters may be used by switching the entry mode manually.
OFF locked: Entry mode fixed to one-byte alphanumeric characters (no two-byte character mode).

9. Information update in IEC62474 area

Added support for version D28.0 of the IEC62474 Target substance list. The main changes are as follows:

(8) The following 6 substances (groups) have been added.

Report ID	CAS RN	Substances (groups) name	Typical Applications	Reporting threshold
00196	732-26-3	2,4,6-tri-tert-butylphenol	All	0.1 mass% of article
00197	3147-75-9	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	All	0.1 mass% of article
00198	119344-86-4	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	All	0.1 mass% of article
00199	3896-11-5	Bumetrizole (UV-326)	All	0.1 mass% of article
00200	-	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	All	0.1 mass% of article
00201	-	Pentachlorophenol and its salts and esters	All	Intentionally added or 0.0005 mass% of PCP including its salts and esters in article or mixture

*Rationale:

[EU] Persistent Organic Pollutants (POPs) Regulation (EU) 2019/1021; [Japan] Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (ID:00201)

[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Autorisation (Other than those above)

(9) The Typical Applications and Reporting Threshold for the two substances have been changed as follows. Regarding the substance concerned, when updating data entered with the tool Ver. 2.08 or earlier, it is necessary to re-enter the content determination (Y/N), etc.

< Report ID:00019 Formaldehyde>

item	D28.0 (listed in Ver2.09)	D27.0 (listed before Ver2.08)
Basis Description	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	[Austria] BGB I 1990/194: Formaldehyde Restriction §2, 12/2/1990; [Lithuania]

		Hygiene Norm HN 96:2000 (Hygiene Norms and Regulations)
Typical Applications	(a) clothing or related accessories, (b) textiles other than clothing which, under normal or reasonably foreseeable conditions of use, come into contact with human skin to an extent similar to clothing, (c) footwear	Textiles
Reporting Threshold	0.0075 mass% in homogenous material	0.0075 mass % of textile

< Report ID:00171 Halogenated Flame Retardants>

item	D28.0 (listed in Ver2.09)	D27.0 (listed before Ver2.08)
Basis Description	(no change)	[EU] Commission Regulation (EU) 2019/2021 laying down ecodesign requirements for electronic displays
Typical Applications	(no change)	enclosure and stand of electronic displays, including televisions, monitors and digital signage displays with a screen area greater than 100 square centimetres
Reporting Threshold	0.1 mass% of halogen content in homogeneous material	Intentionally added

10. Application list update

(1) The application list has been updated and the version has been changed to Ver2.08.00. The update contents are as follows.

- Regarding the exemption from the RoHS Directive, for cases where an exemption extension application has already been submitted and the deadline is reached by February 28, 2025, the deadline is changed to TBD (“8888-12-31”).
- Addition of omissions in the applicable scope and deadline regarding exemptions from the RoHS Directive (01041-A-00, 01045-A-00, 01031-A-00)
- Corrected typographical errors in product categories regarding exemption from RoHS Directive (01035-B-01)

Regarding EU RoHS exemptions, if an application exemption (code) applies to multiple product categories and an application for extension has been made for some of the categories, the expiration date of the exemption will be TBD. (“8888-12-31”) (chemSHERPA uses the exemption list of IEC62474, and the code is not separated in this list, so this is the case).

Therefore, there is a possibility that the product falls under the category for which the deadline has not been extended, so please check the European Commission

website(https://environment.ec.europa.eu/topics/waste-and-recycling/rohs-directive/implementation-rohs-directive_en) for details.

In addition, Entry 63 of Annex XVII of the REACH Regulation was revised and vinyl chloride (PVC) containing lead was added to the scope of regulation ((EU) 2023/923).

However, at this time, chemSHERPA does not have an exemption for lead and its compounds in PVC. This is because additional input of exemptions is required for all existing data containing lead and its compounds, which places an extremely heavy burden on the user. If the exemption applies to lead and its compounds in PVC, please take appropriate action, such as by stating this in the comments section.

(2) The following two substances have been designated as substances that require SVHC reporting.

CAS	Substance name (English)	Substance name (Japanese)
12060-00-3	Lead titanium trioxide	三酸化チタン鉛
1327-53-3	Diarsenic trioxide; arsenic trioxide	三酸化二ヒ素

11. Deadline for activating this tool

The deadline for activating this tool is February 28, 2025, After March 1st, the tool cannot be started.
In chemSHERPA, the managed substance list is regularly updated (twice a year). When the managed substance list is updated, it is incorporated into the tool and distributed.
When updating the substance list, please download and use the tool with the updated substance list.

August 14 2023

Data Entry Support Tool (Integrated Version 2.08.00)

Release Notes

JAMP Secretariat

12. Tool added functions, changes, troubleshooting

12.1. Common to Chemicals/Articles Data Entry Support Tool

The following minor fixes have been made.

・Fixed an issue where an input error did not occur when only single-byte spaces were entered in the CAS number cell.

12.2. data entry support tool for articles

（11） Changing the product name, level name, etc. to one-byte alphanumeric characters input

In principle, the product names under product/component information in the General Window, and Level/name in the Composition window must be entered using one-byte alphanumeric characters. Note, however, that the error check will follow a phased implementation as shown below. (Ver.2.08 has no changes from Ver.2.07. Ver.2.09 is scheduled to improve error checking.)

Tool version (release)	General Window				Composition Window			
	product name of requester		Product Name		Level Name		Component Name	
	Entry CHK	2-byte character mode	Entry CHK	2-byte character mode	Entry CHK	2-byte character mode	Entry CHK	2-byte character mode
2.03.00 (Winter FY2020)	WARNING	OFF	WARNING	OFF	N/A	OFF	N/A	OFF
2.04.00 (Summer FY2021)	↓	↓	↓	OFF locked	WARNING	↓	WARNING	↓
2.05.00 (Winter FY2021)	↓	OFF locked	ERROR	↓	↓	↓	↓	↓
2.06.00 (Summer FY2022)	↓	↓	↓	↓	↓	↓	↓	↓

2.07.00 (Winter FY2022)	ERROR	↓	↓	↓	↓	OFF locked	↓	OFF locked
2.08.00 (Summer FY2023)	↓	↓	↓	↓	↓	↓	↓	↓
2.09.00 (Winter FY2023	↓	↓	↓	↓	ERROR	↓	ERROR	↓

- Entry CHK: Tool error check
  N/A: No check is performed for other than one-byte alphanumeric characters.
  WARNING: Other than one-byte alphanumeric characters will trigger a warning (Approved data can be output).
  ERROR: Other than one-byte alphanumeric characters will trigger an error (Approved data cannot be output).
- 2-byte character mode: Two-byte character permission mode
  OFF: Only one-byte alphanumeric characters are allowed by default. Two-byte characters may be used by switching the entry mode manually.
  OFF locked: Entry mode fixed to one-byte alphanumeric characters (no two-byte character mode).

(12) Changes to Article Category options

Updated the Article Category choices according to SCIP format change (updated to scip_format_annex_picklist_202306). Options with "[Deleted]" displayed at the beginning of the article category name are obsolete codes in the SCIP database and must be replaced with new codes. Note that if an obsolete code is selected, a warning will be displayed during data checking. We plan to treat this as an error in the future, so please respond as soon as possible. The article category option list can be obtained from the following URL.
SCIP Format: https://echa.europa.eu/scip-format

(13) The following minor corrections have been made.

- When g or kg is selected as the reporting unit and a value other than 1 is entered for mass, a warning message is now displayed.
- When combining data with a blank CAS number cell, "-" (half-width hyphen) is automatically set in the CAS number cell.
- Fixed to clear the selection at that time and reset to the selected state at the top of the list when switching between "◎ within period, ○ outside period" in the usage code cell on the Compliance window.

12.3. Data entry support tool for chemicals

(1) Changing the product name to single-byte alphanumeric characters input

In principle, product names under product/Component information in the General Window must be entered using one-byte alphanumeric characters. Note, however, that the error check will follow a phased implementation as shown below.

Tool version (release)	General Window		
	Product Name (including product name of requester)		Remarks
	Entry CHK	2-byte character mode	
~Up to 2.05.00	None	↓	
2.06.00 (Summer FY2022)	Warning	OFF	Addition of "Product name (local)"
2.07.00 (Winter FY2022)	↓	OFF rock	↓
2.08.00 (Summer FY2023)	ERROR	↓	↓
2.09.00 (Winter FY2023)	↓	↓	↓

※See the Upper article tables for an explanation of Entry CHK and 2-byte character mode.

13. Information update in IEC62474 area

Added support for version D27.0 of the IEC62474 Target substance list. The main changes are as follows:

（10） The following 2 substances have been added.

Report ID	CAS RN	Substances (groups) name	Typical Applications	Reporting threshold
00194	80-07-9	bis(4-chlorophenyl) sulphone	Article	0.1 mass% of article
00195	75980-60-8	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	Article	0.1 mass% of article

*Rationale: [EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorization

14. Application list update

The application list has been updated and the version has been changed to Ver2.07.00. The update contents are as follows.
- Added exemption 5(b)(i), 5(b)(ii) and changed the deadlines for 2(c)(i), 5(b) for ELV lead based on (EU) 2023/544.
-Exemption PFOA-13 has been added and the deadlines for PFOA-2 and PFOA-7 have been changed for PFOA in EU POPs regulation based on (EU) 2023/866.
-Regarding the exemption from the RoHS Directive, the deadline has been changed to TBD (“8888-12-31”) for those that the exemption extension application has already been submitted with and will reach the deadline by August 31, 2024.

15. Deadline for activating this tool

The deadline for activating this tool is August 31, 2024, After September 1st, the tool cannot be started.
In chemSHERPA, the managed substance list is regularly updated (twice a year). When the managed substance list is updated, it is incorporated into the tool and distributed.
When updating the substance list, please download and use the tool with the updated substance list.

February 16 2023

Data Entry Support Tool (Integrated Version 2.07.00)

Release Notes

JAMP Secretariat

16. Tool added functions, changes, troubleshooting

16.1. Common to Chemicals/Articles Data Entry Support Tool

The following minor fixes have been made.

・Enhanced checking of CAS numbers.

・Datafiles created in some overseas regions have been found to change the time format of the input status, so Fixed the time separator used by the tool to be ":" regardless of PC locale.

・For the error content dialog box (error/warning content screen), the item name: "Error description" has been changed to " description". (to include warnings).

・On the "selection of Exemption " and "selection of substance usage " screens, there was a problem in which the appropriate options were not displayed due to the date settings on the PC, etc. , the tool has been improved to process in the Western calendar.

16.2. data entry support tool for articles

(14) Changing the product name, hierarchy name, etc. to one-byte alphanumeric characters input

In principle, product names under product/Component information in the General Window, and Level/name in the Composition window must be entered using one-byte alphanumeric characters. Note, however, that the error check will follow a phased implementation as shown below.

Tool version (release)	General Window				Composition Window			
	product name of requester		Product Name		Level Name		Component Name	
	Entry CHK	2-byte character mode	Entry CHK	2-byte character mode	Entry CHK	2-byte character mode	Entry CHK	2-byte character mode
2.03.00 (Winter FY2020)	WARNING	OFF	WARNING	OFF	N/A	OFF	N/A	OFF
2.04.00 (Summer FY2021)	↓	↓	↓	OFF locked	WARNING	↓	WARNING	↓
2.05.00 (Winter FY2021)	↓	OFF locked	ERROR	↓	↓	↓	↓	↓
2.06.00 (Summer FY2022)	↓	↓	↓	↓	↓	↓	↓	↓
2.07.00 (Winter FY2022)	ERROR	↓	↓	↓	↓	OFF locked	↓	OFF locked
2.08.00 (Summer FY2023)	↓	↓	↓	↓	↓	↓	↓	↓
2.09.00 (Winter FY2023	↓	↓	↓	↓	ERROR	↓	ERROR	↓

- Entry CHK: Tool error check
  - N/A: No check is performed for other than one-byte alphanumeric characters.
  - WARNING: Other than one-byte alphanumeric characters will trigger a warning (Approved data can be output).
  - ERROR: Other than one-byte alphanumeric characters will trigger an error (Approved data cannot be output).
- 2-byte character mode: Two-byte character permission mode
  - OFF: Only one-byte alphanumeric characters are allowed by default. Two-byte characters may be used by switching the entry mode manually.
  - OFF locked: Entry mode fixed to one-byte alphanumeric characters (no two-byte character mode).

(15) Adding an Output Item to Excel form of Composition Information

"Content rate (%) in an article" was added to the Excel form (AU column).
Values are displayed only for the rows of substances subject to SVHC.

16.3. data entry support tool for chemicals

(2) Changing the product name, hierarchy name, etc. to single-byte alphanumeric characters input

In principle, product names under product/Component information in the General Window must be entered using one-byte alphanumeric characters. Note, however, that the error check will follow a phased implementation as shown below.

Tool version (release)	General Window		
	Product Name (including product name of requester)		Remarks
	Entry CHK	2-byte character mode	
~Up to 2.05.00	None	↓	
2.06.00 (Summer FY2022)	Warning	OFF	Addition of "Product name (local)"
2.07.00 (Winter FY2022)	↓	OFF rock	↓
2.08.00 (Summer FY2023)	ERROR	↓	↓
2.09.00 (Winter FY2023)	↓	↓	↓

※See the Upper article tables for an explanation of Entry CHK and 2-byte character mode.

17. Information update in IEC62474 area

Added support for version D26.0 of the IEC62474 Target substance list. The main changes are as follows:

(11) The following 10 substances (groups) have been added.

Report ID	Substances (groups) name	Typical Applications	Reporting threshold
00184	1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	Article	0.1 mass% of article
00185	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	Article	0.1 mass% of article
00186	4,4'-sulphonyldiphenol	Article	0.1 mass% of article
00187	Barium diboron tetraoxide	Article	0.1 mass% of article
00188	Bis(2-ethylhexyl) tetrabromophthalate	Article	0.1 mass% of article
00189	Isobutyl 4-hydroxybenzoate	Article	0.1 mass% of article
00190	Melamine	Article	0.1 mass% of article
00191	Perfluoroheptanoic acid and its salts	Article	0.1 mass% of article
00192	Reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	Article	0.1 mass% of article
00193	Per- and poly-fluoroalkyl substances (PFAS)	Material	Intentionally added

*Rationale:

ID=00184-00193 : [EU] REACH Regulation (EC) No.1907/2006 Candidate List for Autorisation

ID=00193 : [USA Maine] Maine Public Law, Chapter 447 (LD 1503, 2021) PFAS regulation

18. Application list update

There is no update of the application list.

19. Deadline for activating this tool

The deadline for activating this tool is February 29, 2024, After March 1st, the tool cannot be started.
In chemSHERPA, the managed substance list is regularly updated (twice a year). When the managed substance list is updated, it is incorporated into the tool and distributed.
When updating the substance list, please download and use the tool with the updated substance list.

August 17, 2022

Data Entry Support Tool (integrated version 2.06.00)

Release notes

JAMP Secretariat

1. Tool added functions, changes, troubleshooting

1.1. Common Chemicals/articles Data Entry Support Tool

(1) China RoHS has been added to the Relevant standards.

China RoHS※1 was added to the Relevant standards※2. In Composition screen, you can check whether China RoHS is applicable or not. You can enter China RoHS exemptions for the article tool. However, unlike EU-RoHS, the input is optional ※3.

※1: Official name:电器电子产品有害物质限制使用管理办法。
※2: With the addition of China RoHS, the description of "EU-RoHS" has been changed from "RoHS" for LR04:EU RoHS.
※3: When searching for a substance, the entry screen for the exclusion does not pop up (automatically displayed). If you need to enter, double-click the Exempted application cell and select the Usage Code.

(2) Deleting the function to read V1 format data

Removed the function to read V1-format data in accordance with the V1-format data support step-by-step termination policy. The output function of the V1 format has been ended by Ver2.05.

(3) Addition of the CAS number check function

The CAS number check function has been added for optionally reported substances (substances for which the optionally reporting substance check is ON) in Composition screen. Specifically, if the character string entered in the "CAS number" field follows the CAS number format, a digit check will be performed. If a check error occurs, a warning message will be displayed.

If the CAS No. field is blank when click "Release Finalize" button, "-" is

automatically set.

(4) Changing the Error description view

The screen title has been changed from "Error list" to "Error / Warning list" window. In addition, a message has been added that please correct the "error". Check the contents of the "Warning" to determine if a correction is necessary.

1.2. data entry support tool for articles

(1) Change in the handling method of old information when updating compliance information

If you read the data of the old version whose content judgment is "Y", you can update it to the latest report ID information by pressing the "Update" button in Compliance screen.

When the data of the old version whose content judgment is "Y" is read, the legal compliance judgment information screen is updated to the latest report ID information by pressing the "Refresh" button.

At that time, if there is no change in the report ID and the report threshold value changes between the old version and the latest version, the handling has been changed as follows.

Information item	From Ver2.06	Up to Ver2.05
Content above the threshold	EntryY	Change to blank
Content rate	Change to blank	
Quantity of Content, Usage, Portion used, Remarks	Leave the read data	

In addition, there is no change in the processing when integrating data including the data of the old integrated version.

Information with IDs that differ from the latest reporting thresholds will be deleted in Compliance screen. To avoid this, update the data to be integrated and then integrate their data.

(2) Other troubleshooting

・If "@" (one-byte alphanumeric characters) is included in Manufacturer name of

Product/Component in General screen, it has been repaired so that an error will occur in the error check.

・Corrected incorrect labeling of PFOA and PFOS application selection windows.

-I

-Corrected the incorrect notation of the label on the PFOA and PFOS application selection view.

(3) In addition

one-byte alphanumeric characters for Product name, Level names/ Component names in chemSHERPA data entry support tool for articles has been partially changed.

For details, please refer to Notice* on the website.

* https://chemsherpa.net/news/chemsherpa/?p=3102

1.3. data entry support tool for chemicals

(1) Addition of "Product name (Local)" in "Requester" and "Product" of "Product/Component" in General screen

"Product name (Local)" in "Requester" and "Product" of "Product/Component" have been added in General screen. For the conventional "Product name" in "Requester" and "Product" of "Product/Component", only one-byte alphanumerical characters can be entered by default. If you switch the input mode manually, you can enter characters other than half-width alphanumeric characters. However, if full-width characters are entered, a warning is displayed when error checking is performed. We will gradually convert to half-width alphanumerical characters, so please take early action. For the schedule, please refer to Notice* on the website.

* https://chemsherpa.net/news/chemsherpa/?p=2911

2. Information update in IEC62474 area

Added support for version D25.0 of the IEC62474 Target substance list. The main changes are as follows:

(1) The following two substance groups were added.

Report ID	Name of substance	Reporting purposes	Reporting threshold
00182	C9-C14 PFCAs and their salts	All	0.0000025 mass% for the sum of C9-C14 PFCAs and their salts in Article or Mixture
00183	C9-C14 PFCA-related substances	All	0.000026 mass% for the sum of C9-C14 PFCA-related substances in Article or Mixture

*Basis for listing: [EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII

3. Application list update

The Application list has been updated, and the Application list version has been set to Ver2.06.00. The update content is as follows.

(1) Adding China RoHS exemptions

With the addition of China RoHS to the chemical management standards, we have added exemptions. Specifically, we adopted IEC62474's China RoHS exemptions list (IEC62474-Exemptions-China-RoHS-E1.1-20210119.xlsx) published on January 19, 2021.

(2) Renewal of EU-RoHS exemptions

Reflected EU RoHS exemptions list for IEC62474 published on January 31, 2022 and July 15, 2022 (IEC62474-Exemptions-EU-RoHS-AnnexIV-E4.0-20220131.xlsx, IEC62474-Exemptions-EU-RoHS-AnnexIII-E5.0-20220715. xlsx). Specifically, the contents are as follows.

・Updated or newly established items 1* to 4* of the Mercury (ramp) exemption Annex III in accordance with (EU) 2022/276 to 287.
Items 1(a), 1(b), 1(c), 1(d), 1(g), 2(a)(1), 2(a)(2), 2(a)(3), 2(a)(4), 2(a)(5), 2(b)(3), 4(b)-I, 4(b)-II, 4(b)-III, 4(c)-I, 4(e) are given a new usage code and the conventional usage codes expire on September 30, 2022.
Please note that although the contents of exemptions are the same, the usage code is different, so you will need to select again.
・Added new item 45 of Annex III exemption on lead/hexavalent chrome in accordance with (EU) 2021/647.
・Updated the deadline for item 42 of Annex IV exemption on Mercury.
・Added new item 45 of Annex IV exemption on DEHP in accordance with (EU) 2021/1980.
・Added new item 46 of Annex IV exemption on DEHP in accordance with (EU) 2021/1979.
・Added new item 47 of Annex IV exemption on DEHP, BBP, DBP, DIBP in accordance with (EU) 2021/1978.

(3) Others

In addition to correcting the Japanese expressions of PFCA-8 and PFOA-2, we’ve changed to the plural form of "PFCAs" to unify Japanese and Chinese expressions.

4. Deadline for activating this tool

The deadline for using this tool is August 31, 2023. After September 1st, the tool cannot be used.

In chemSHERPA, the managed substance list is regularly updated (twice a year). When the managed substance list is updated, it is incorporated into the tool and newly distributed. When the management substance list is updated, please download and use the tool with the updated substance list.

January 21, 2022

Data Entry Support Tool (integrated version 2.05.00)

Release notes

JAMP Secretariat

1. Tool added functions, changes, troubleshooting

1.1. Common Chemicals/articles Data Entry Support Tool

(1) Deletion of function for output in V1 format

In accordance with the step-by-step discontinuation of support for V1-format data (refer to this document, section 4.), the function for output in V1 format has been deleted.

(2) Change to display method of Substance Search window in composition screen

It was reported that when searching for substances using the Substance Search window, there have been cases where a user enters the CAS number in the search window and then presses the [Select] button without pressing the [CAS No.] button, causing the substance at the top of the substance list to be reported. In response to this, a change has been made so that by default, substances are not in a selected (highlighted) state, in order to prevent reporting errors.

1.2. Article Data Entry Support Tool

(1) Change to using one-byte alphanumeric characters for product name, level name, etc.

In principle, product names under product/Component information in the General Window, and Level/name in the Composition window, must be entered using one-byte alphanumeric characters. Note, however, that the error check will follow a phased implementation as shown below.

Tool version (release)	General Window				Composition Window			
	product name of requester		Product Name		Level Name		Component Name	
	Entry CHK	2-byte character mode	Entry CHK	2-byte character mode	Entry CHK	2-byte character mode	Entry CHK	2-byte character mode
2.03.00 (Winter FY2020)	WARNING	OFF	WARNING	OFF	N/A	OFF	N/A	OFF
2.04.00 (Summer FY2021)	↓	↓	↓	OFF locked	WARNING	↓	WARNING	↓
2.05.00 (Winter FY2021)	↓	OFF locked	ERROR	↓	↓	↓	↓	↓
2.06.00 (Summer FY2022)	↓	↓	↓	↓	↓	OFF locked	↓	OFF locked
2.07.00 (Winter FY2022)	ERROR	↓	↓	↓	ERROR	↓	ERROR	↓

- Entry CHK: Tool error check
  - N/A: No check is performed for other than one-byte alphanumeric characters.
  - WARNING: Other than one-byte alphanumeric characters will trigger a warning (Approved data can be output).
  - ERROR: Other than one-byte alphanumeric characters will trigger an error (Approved data cannot be output).
- 2-byte character mode: Two-byte character permission mode
  - OFF: Only one-byte alphanumeric characters are allowed by default. Two-byte characters may be used by switching the entry mode manually.
  - OFF locked: Entry mode fixed to one-byte alphanumeric characters (no two-byte character mode).

(2) Display of deadlines for exemption in Compliance screen

When selecting application codes in the Compliance screen, support has been provided to display the application starting date and deadline for exemptions other than RoHS (LR04) as well, as reference information in the Usage Code Selection window.

(3) Change to Article Category selections

The Article Category selections have been changed in association with changes to the SCIP format (update to scip_format_annex_picklist_202110). Roughly 500 items have been added and 660 items have been deleted. Confirmation will be required since there are some cases where the content has been changed even if

the code has not. The list can be obtained from the following URL address:
SCIP Format: https://echa.europa.eu/scip-format

(4) Response to other problems

- There was a problem where, after a request file was read and a file containing compliance information was later retrieved using “Additional Data import,” an error message was displayed indicating that the area was not selected and the product information of the requester was then deleted, so this has been corrected.

- There was a problem where, after launching the tool and placing a check in the SCIP information field, the tool closed unexpectedly when an error check was conducted after entering only the product general information (product number, mass, etc.), so this has been corrected.

2. Information update in IEC62474 area

Added support for version D24.0 of the IEC62474 Target substance list. The main changes are as follows:

(1) The following two substances have been added.

Report ID	Substance Groupe	TypicalApplications	ReportingThreshold
00180	4-Nonylphenol, branched and linear	All	0.1 mass% of article [ReportingLevel:Article]
00181	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	All	0.1 mass% of article [ReportingLevel:Article]

＊Basis for listing: [EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation

(2) The following two substances have been deleted.

Report ID	Substance/substance group
00103	Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA
00104	Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA

(3) Reporting thresholds for the following substances have been changed. When updating the data prepared using the tools of Ver2.04 and earlier, It is necessary to input the content judgment (Y / N) etc. again. Note that when executing “Convert from composition,” “Intentionally added” will be judged as a threshold value of 0.

Report ID	Substance Groupe	Reporting Threshold	
		D24 (included in Ver2.5)	D23 (included in Ver2.4 and earlier)
00160	Perfluorooctanoic acid and its salts	Intentionally added or 0.0000025 mass% of PFOA including its salts in article or mixture	0.0000025 mass% of PFOA including its salts in article or mixture
00161	PFOA-related compounds	Intentionally added or 0.0001 mass% of one or a combination of PFOA-related compounds, in article or mixture	0.0001 mass% of one or a combination of PFOA-related compounds, in article or mixture

＊Confirm the basis laws and regulations using the tool.

3. Application list update

The Application list has been updated, and the Application list version has been set to Ver2.05.00. The update content is as follows.

(1) Addition of applications related to PFCA

Based on the European Commission Regulation (EU) 2021/1297 (August 5, 2021), which corrects REACH Appendix XVII, application codes have been added for perfluorocarboxylic acid with carbon numbers from 9 to 14 (C9-C14 PFCA) and its salts, as well as substances related to C9-C14 PFCA.

(2) Addition of applications related to halogen-based flame retardants

Based on the European Commission Regulation ((EU) 2021/341) (February 26, 2021), which partially corrects the Commission Regulation ((EU) 2019/2011) that stipulates ecodesign requirements for electronic displays, "Industrial displays" has been added to the application selections for halogen-based flame retardants (Report ID:00171, basis laws and regulations: [EU] Commission Regulation (EU) 2019/2021 laying down ecodesign requirements for electronic displays) on the Area=IEC62474 Compliance window.

(3) In addition

- Application names for display numbers "*-0" and "*-99" have been made consistent.
- Deadlines for 2(c)(i) and 5(b) regarding exemptions from the ELV Directive (LR03), whose exemption extension applications have been submitted, have been set in TBD (8888-12-31).
- Deadlines for items regarding exemptions from the RoHS Directive (LR04), whose exemption extension applications have already been submitted and whose deadlines will arrive on 2023/7/21, have been set in TBD (8888-12-31).

4. Items to be considered

- Correction to conversion factors for cobalt compounds and neodymium compounds

  Regarding the report ID: 00175 "Cobalt / Cobalt compounds" and ID: 00176 "Neodymium / Neodymium compounds" in Area = IEC62474 compliance information for the articles tool, in Ver2.04.00 the coefficient used to convert the concentration of the compound reported in the composition information to the concentration of cobalt or neodymium (Total atomic weight of the element in the chemical formula of the compound ÷ Molecular weight of the compound)* by "Convert from composition" was tentatively set to 1.00, but has been revised to its actual value.

  (*The conversion factor is set in the tool's external list ③ Corresponding substance information.)
- Step-by-step discontinuation of support for V1 format data

  Support for V1 format data will be discontinued step by step from chemSHERPA data entry support tool Ver.2.05.
  From Ver.2.00, published in the summer of 2019, the format became V2 format compatible with Ed2. 0/2018. To avoid confusion in the supply chain, I/O in V1

format was also enabled. Since the use of the V2 format in the supply chain has become widespread since then, we will discontinued the V1 format support step by step from Ver. 2.05.

① Data output in V1 format is not possible from Ver.2.05 of the data entry support tool.
However, in order to effectively use the data assets in the V1 format, data can be input in the V1 format in Ver. 2.05, and the expiration date is August 2024.

② Data entry support tool Ver.2.06 allows both data input and data output in V2 format only. If you are using the V1 format, please shift to the V2 format as soon as possible.

5. Deadline for activating this tool

The deadline for activating this tool is August 31, 2024, which has been set for a period longer than the normal one-year period. This is a support measure provided for the purpose of maintaining a means of viewing V1 format data as described in Section 4.
In chemSHERPA, the controlled substance list is regularly updated (twice a year). When the controlled substance list is updated, it is incorporated into the tool and distributed. When updating the substance list, please download and use a tool with the updated substance list.

September 01, 2021

Data Entry Support Tool (integrated version 2.04.00)

Release notes

JAMP Secretariat

1. Tool added functions, changes, troubleshooting

1.1. Common Chemicals/articles Data Entry Support Tool

The version notation of Excel and .Net described in the system information has been corrected.

1.2. Article Data Entry Support Tool

(1) Change to using one-byte alphanumeric characters for product name, level name, etc.

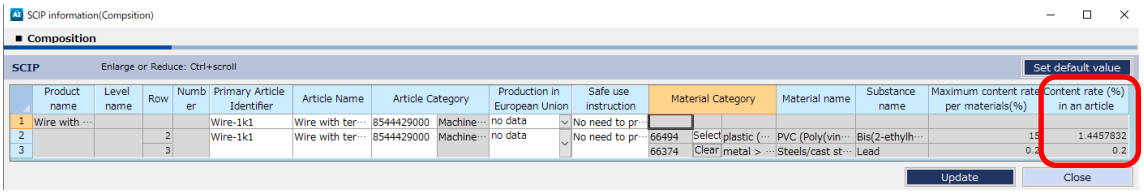
In principle, product names under product/Component information in the General Window, and Level/name in the Composition window, must be entered using one-byte alphanumeric characters. Note, however, that the error check will follow a phased implementation as shown below.

Tool version (release)	General Window				Composition Window			
	product name of requester		Product Name		Level Name		Component Name	
	Entry CHK	2-byte character mode	Entry CHK	2-byte character mode	Entry CHK	2-byte character mode	Entry CHK	2-byte character mode
2.03.00 (Current version)	WARNING	OFF	WARNING	OFF	N/A	OFF	N/A	OFF
2.04.00 (Summer FY2021)	↓	↓	↓	OFF locked	WARNING	↓	WARNING	↓
2.05.00 (Winter FY2021)	↓	OFF locked	ERROR	↓	↓	↓	↓	↓
2.06.00 (Summer FY2022)	↓	↓	↓	↓	↓	OFF locked	↓	OFF locked
2.07.00 (Winter FY2022)	ERROR	↓	↓	↓	ERROR	↓	ERROR	↓

- Entry CHK: Tool error check
  - N/A: No check is performed for other than one-byte alphanumeric characters.
  - WARNING: Other than one-byte alphanumeric characters will trigger a warning (Approved data can be output).
  - ERROR: Other than one-byte alphanumeric characters will trigger an error (Approved data cannot be output).
- 2-byte character mode: Two-byte character permission mode
  - OFF: Only one-byte alphanumeric characters are allowed by default. Two-byte characters may be used by switching the entry mode manually.
  - OFF locked: Entry mode fixed to one-byte alphanumeric characters (no two-byte character mode).

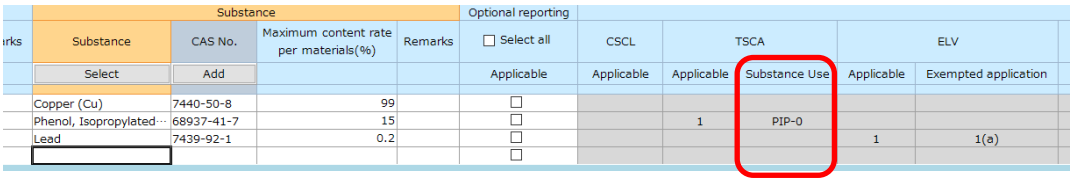
(2) Reference display of concentration with Article as the denominator on the SCIP information screen of component information

The concentration of SVHC target substances displayed on the SCIP information screen of component information is the content rate per material, but the content rate in Article is additionally displayed as reference information. Article is a material, part or product judged by the Article flag on the Composition information screen.



(3) Addition of function to select exemption from TSCA application of component information

As shown in 3., for substances added based on TSCA, exemption uses have been established, so the selection function for material applications of TSCA in the component information has been added.



(4) Significantly shorten the time to output the component information form (Excel) and change the output method.

We have greatly reduced the amount of time required to process Composition data when outputting the Composition data to a form (Excel). Since Excel cell merge process occupied most of the output time, we discontinued this and decided to represent the hierarchical structure by making only the record on the top line of the cell that had been merged into black characters and the record on the other line into gray.

(5) Change the size of the exemption screen

In the Composition screen, the width of the exemption screen, which is displayed in a pop-up when entering the exemption, has been expanded to make it easier to see.

(6) The error checking function has been enhanced

・If a string containing a non-breaking character (¥/:*?<>|) is entered in the Reference number, a warning is displayed. Note that (") is an error as before.
・The error check of "@" in the Remarks field of the Product/Component on the General screen, was added.

(7) Response to other problems

・The tool was forcibly terminated when the form output of the Composition information was performed under certain conditions, so this was corrected.

2. Information update in IEC62474 area

Added support for version D23.0 of the IEC62474 Candidate List. The main changes are as follows:

(1) The following six substances have been added.

Report ID	Substance name	Reporting use	Reporting threshold	Note *
00174	Phenol, Isopropylated Phosphate (3:1) (PIP (3:1))	All	Intentionally added [ReportingLevel:Product]	1)
00175	Cobalt/Cobalt compounds	Batteries used in computer servers and online data storage products	Intentionally Added [ReportingLevel:Product Part]	2)
00176	Neodymium/Neodymium compounds	HDDs used in computer servers and online data storage products	Intentionally Added [ReportingLevel:Product Part]	2)
00177	4,4'-(1-methylpropylidene)bisphenol	All	0.1 mass% of article [ReportingLevel:Article]	3)
00178	Medium-chain chlorinated paraffins (MCCP)	All	0.1 mass% of article [ReportingLevel:Article]	3)
00179	Orthoboric acid, sodium salt	All	0.1 mass% of article [ReportingLevel:Article]	3)

* The basis laws and regulations are as follows.

1) [USA] Toxic Substances Control Act (TSCA)

2) [EU] Eco design requirements (EU) 2021/341 and (EU) 2019/424 pursuant to Directive 2009/125/EC

3) [EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation

<Notes>

Regarding the report ID: 00175 "Cobalt / Cobalt compounds" and ID: 00176 "Neodymium / Neodymium compounds" in Area = IEC62474 compliance information for the articles tool,

In this Ver2.04.00, the coefficient (*1) used to convert the concentration of the compound reported in the composition information to the concentration of cobalt or neodymium by “Convert from composition” is tentatively set to 1.00 (*2). The factor will be reviewed in the next edition.

(*1) Total atomic weight of the element in the chemical formula of the compound ÷ Molecular weight of the compound)

(*2) The conversion factor is set in the tool's external list ③ Corresponding substance information.

(2) Thresholds for the following substances have been changed: When updating the data prepared using the tools of Ver2. 03 and earlier, the content judgment (Y/N) and other data must be entered again.

Report ID	Substance name	Reporting use	Reporting threshold
00064	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	All	Intentionally added or 0.1 mass% of article (0.1 Change from mass% of article)

(3) Other changes have been made as follows.

Report ID	Substance/substance group	Changes
00160	Perfluorooctanoic acid and its salts	・Changes in the statutory basis (former) [EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII; [EU] Persistent Organic Pollutants (POPs) Regulation (EU) 2019/1021 (New) [EU] Persistent Organic Pollutants (POPs) Regulation (EU) 2019/1021
00161	PFOA-related compounds	・Changes in the statutory basis (former) [EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII; [EU] Persistent Organic Pollutants (POPs) Regulation (EU) 2019/1021 (New) [EU] Persistent Organic Pollutants (POPs) Regulation (EU) 2019/1021 ・Change of name (former) PFOA-related substances (New) PFOA-related compounds

3. Application list update

The Application list was updated, and the Application list version was set to Ver2 04.00. The update content is as follows.

(1) TSCA

Reflected exempt applications for five PBTs (recalcitrant, bioaccumulative and toxic) restricted under Article 6 (h) of the Toxic Substances Control Act (TSCA) in January 2021 (Already listed on the Substances List in Ver2 03.00).

CAS number	Substance name	Remarks
1163-19-5	Decabromodiphenyl ether	Area = Substances subject to IEC62474 compliance
68937-41-7	Phenol, isopropylated phosphate (3:1)	Area = Substances subject to IEC62474 compliance
133-49-3	Pentachlorothiophenol	-
87-68-3	Hexachlorobutadiene	-

※For one substance that is not listed in the table, there is no exempt use.

(2) ErP Directive

The selection of application codes for halogen-based flame retardants (Report ID:00171, [EU] Commission Regulation (EU) 2019/2021 laying down ecodesign

requirements for electronic displays) on the Area =IEC62474 Compliance window has been changed.

Selection up to Ver2.03.10	Selection after Ver2.04.00
➢ Not known as "reportable use" ➢ Fall under "reporting use"	➢ No information to specify the intended use ➢ Any electronic display with a screen area smaller than or equal to 100 square centimetres ➢ Projectors ➢ All-in-one video conference systems ➢ Medical displays ➢ Virtual reality headsets ➢ Displays integrated or to be integrated into products listed into Article 2, point 3(a) and point 4 of Directive 2012/19/EU ➢ Displays that are components or subassemblies of products covered by implementing measures adopted under Directive 2009/125/EC ➢ Any applications other than the above

(3) In addition

Exempted uses and deadlines for PFOA have been added, Some errors have been corrected. For details, see the Application list.

4. Items to be considered

Support for V1 format data will be discontinued step by step from chemSHERPA data entry support tool Ver.2.05 (scheduled to be released in the winter of FY2021).
From Ver.2.00, published in the summer of 2019, the format became V2 format compatible with Ed2. 0/2018. To avoid confusion in the supply chain, I/O in V1 format was also enabled. Since the use of the V2 format in the supply chain has become widespread since then, we will discontinued the V1 format support step by step from Ver. 2.05 (scheduled to be released in the winter of 2021).

③ Data output in V1 format is not possible from Ver.2.05 of the data entry support tool. However, in order to effectively use the data assets in the V1 format, data can be input in the V1 format in Ver. 2.05, and the expiration date is August 2024.

④ Data entry support tool Ver.2.06 allows both data input and data output in V2 format only.If you are using the V1 format, please shift to the V2 format as soon as possible.

5. Deadline for activating this tool

This tool must be activated by August 31, 2022. After September 1 this tool cannot be activated.
In chemSHERPA, the controlled substance list is regularly updated. When the controlled substance list is updated, it is incorporated into the tool and distributed. At that time, the Exemption List is updated, tool functionality is improved, and fix bugs are done as needed. Tools have a usage expiration date in order to prevent the continued use of old lists and tools.
When updating the substance list, please download and use a tool with the updated substance list.

March 25, 2021

Data Entry Support Tool (integrated version 2.03.10)

Release notes

chemSHERPA Secretariat

1. Tool added functions, changes, troubleshooting

1.1. Common Data Entry Support Tool for chemicals/articles

（1） Postponement of listing of REACH Regulation Annex XVII (Restricted Substances) ((EU) 2020/2081) Entry75

Regarding REACH Regulation Annex XVII (Restricted Substances), which is a standard management by chemSHERPA, Entry75 (EU) 2020/2081, which was newly included in Ver2 03.00, restricts the content of chemicals in the tattoo inks or permanent make-up, but it contains substances commonly used for other purposes, and there is a concern that it may cause confusion if information is communicated as it is.

For this reason, we will withdraw Entry75 from use once, consider measures to be taken by the time of the next revision, and appropriately reflect them.

1.2. Data Entry Support Tool for articles

（1） Minor modification of usage information

Some application codes related to RoHS have been amended because of deficiencies in the Chinese language translation displayed in the "Scope and dates of Applicability" of the reference information on the "Selection of Exclusion from Application of RoHS" screen of Composition information and the “Usage code” screen of the Compliance Information.

(2) Schedule for changing the product name of requester to one-byte alphanumeric characters

The release notes in Ver. 2.03.00 informed you of the schedule for the conversion of local languages (double-byte characters) into one-byte alphanumeric characters in order to achieve the standard matching (global support) with IEC62474.

At that time, the product name of Requester, which was under consideration, shall be as follows (in red).

Error checking will be strengthened step by step, so please convert to one-byte alphanumeric characters as soon as possible.

Tool version (release)	General) product name of requester		General) Product Name		Composition) Level Name		Composition) Component Name	
	Entry CHK	2-byte character mode	Entry CHK	2-byte character mode	Entry CHK	2-byte character mode	Entry CHK	2-byte character mode
2.03.10 (Current version)	WARNING	OFF	WARNING	OFF	N/A	OFF	N/A	OFF
2.04.00 (Summer 2021)	↓	↓	↓	OFF locked	WARNING	↓	WARNING	↓
2.05.00 (Winter 2021)	↓	OFF locked	ERROR	↓	↓	↓	↓	↓
2.06.00 (Summer 2022)	↓	↓	↓	↓	↓	OFF locked	↓	OFF locked
2.07.00 (Winter 2022)	ERROR	↓	↓	↓	ERROR	↓	ERROR	↓

- Entry CHK: Tool error check
  - N/A: No check is performed for other than one-byte alphanumeric characters.
  - WARNING: Other than one-byte alphanumeric characters will trigger a warning.(Approved data can be output)
  - ERROR: Other than one-byte alphanumeric characters will trigger an error (Approved data cannot be output).
- 2-byte character mode: Two-byte character permission mode
  - OFF: Only one-byte alphanumeric characters are allowed by default. Two-byte characters may be used by switching the entry mode manually.
  - OFF locked: Entry mode fixed to one-byte alphanumeric characters (no two-byte character mode).

2. Deadline for activating this tool

This tool must be activated by February 28, 2022. After March 1 this tool cannot be activated.

In chemSHERPA, the controlled substance list is regularly updated. When the controlled substance list is updated, it is incorporated into the tool and distributed. At that time, the Exemption List is updated, tool functionality is improved, and fix bugs are done as needed. Tools have a usage expiration date in order to prevent the continued use of old lists and tools.

When updating the substance list, please download and use a tool with the updated substance list.

October 13, 2020

Data Entry Support Tool (integrated version 2.02.00)

Release notes

chemSHERPA Secretariat

1. Tool added functions, changes, troubleshooting

1.1. Support for European Chemicals Agency (ECHA) SCIP database registration

From January 2021, it is mandatory to submit information on SVHC for the SCIP database created by the European Chemicals Agency (ECHA). A feature for communicating SCIP information has been added to chemSHERPA in order to meet this obligation.(*)

This applies to the article data entry support tool, with major changes described below. Refer to Appendices “SCIP Handling Guideline ver. 1.1,” “Operation Manual” and “Data Entry Manual.”

[General window]

[1] Added options (checkboxes) for entering SCIP information

[2] Added the data entry status for SCIP information (for the screen display and EXCEL output)

[Composition window]

[1] Added a menu for jumping to the SCIP information entry window (Composition)

[2] Added a new data entry window for entering SCIP information (Composition)

[3] Added an item for SCIP information to the output EXCEL result

[Compliance window]

[1] Added a menu for jumping to the window for entering SCIP information (Compliance)

[2] Added a new data entry window for entering SCIP information (Compliance)

[3] Added an item for SCIP information to the output EXCEL result

(*)A function for entering the mandatory information for the SCIP database is added to chemSHERPA, but this function does not support the generation of the data format to be submitted to ECHA for the SCIP database (IUCLID6).

<Precautions concerning the transmission of SCIP information using the Tool Ver. 2.02.00>

When the SCIP information window for either the composition or compliance information is displayed, data entry for SCIP information is only required if the criteria for registering with the database are met. However, this Tool is designed so that default values will be set for some SCIP-related information items if data of a product that involves SVHCs of more than 0.1% concentration but lacks SCIP information are used for data integration. For this reason, these values must be cleared. This operation must

be undertaken at every integration, which means the workload will increase toward the downstream operators. To avoid this situation, please ensure that the SCIP information (Primary Article Identifier, Article Name, Article Category, Production in European Union, and Safe use instruction) are entered in the “Material Category of applicable substance” and “Product Row (first row in the SCIP information window)” on the SCIP information window if the data includes SVHCs of more than 0.1% concentration.

Please note that this arrangement is temporary, and the next tool update will fix this problem. Thank you for your understanding and cooperation.

1.2. Fixed bugs in Article Data Entry Support Tool

- Fixed a bug where “Content rate per articles (%)” could be inaccurate in the output form if it is output after cancelling the finalization of composition information and modifying the number of rows, outputting without re-finalizing, or deleting level names and/or the number of levels.
- Fixed a bug concerning the criteria to determine the cases in which composition information levels show first articles.
- Addressed the problem where XML files with compliance information were not properly displayed if they were imported by means of “Citing existing data” or “Additional data import” while no areas were selected on the General window. Reinforced the error check feature in order to avoid this problem in the future.

1.3. Fixed bugs in Chemicals Data Entry Support Tool

- Addressed the problem where an output form did not include composition information if it included substances with extremely long names. To solve this problem, adjusted the conditions for adjusting row widths.

2. Information update in IEC62474 area

Added support for version D20.0 of the IEC62474 Candidate List. The main changes are as follows:

(1) One substance listed below was added for containing SVHC.

Report ID	Substance name	Reporting application	Reporting threshold
00170	Dibutylbis(pentane-2,4-dionato-O,O')tin	All	0.1 mass% of article

(2) Four substances listed below were added with reference to [USA California] Electronic Waste Recycling Act (California RoHS) SB 2.0, amended by SB 50 and AB 575. This act perpetuates the exemptions specified by the EU RoHS Directive. For exemptions, refer to the information on applicable substances with reference to RoHS. Note that these require a selection between “match the reporting application” or “to be determined” under Application Code.

Report ID	Substance name	Reporting application	Reporting threshold
00166	Cadmium/Cadmium compounds	Video display devices, with a screen size of greater than four inches	0.01 mass% of total Cd in homogenous material
00167	Chromium (VI) Compounds	Video display devices, with a screen size of greater than four inches	0.1 mass% of total Cr+6 in homogenous material
00168	Lead/Lead Compounds	Video display devices, with a screen size of greater	0.1 mass% of total Pb in homogenous

		than four inches	material
00169	Mercury/Mercury Compounds	Video display devices, with a screen size of greater than four inches	0.1 mass% of total Hg in homogenous material

(3) The reporting application for ID00021 (Lead/Lead Compounds) has been modified as follows:

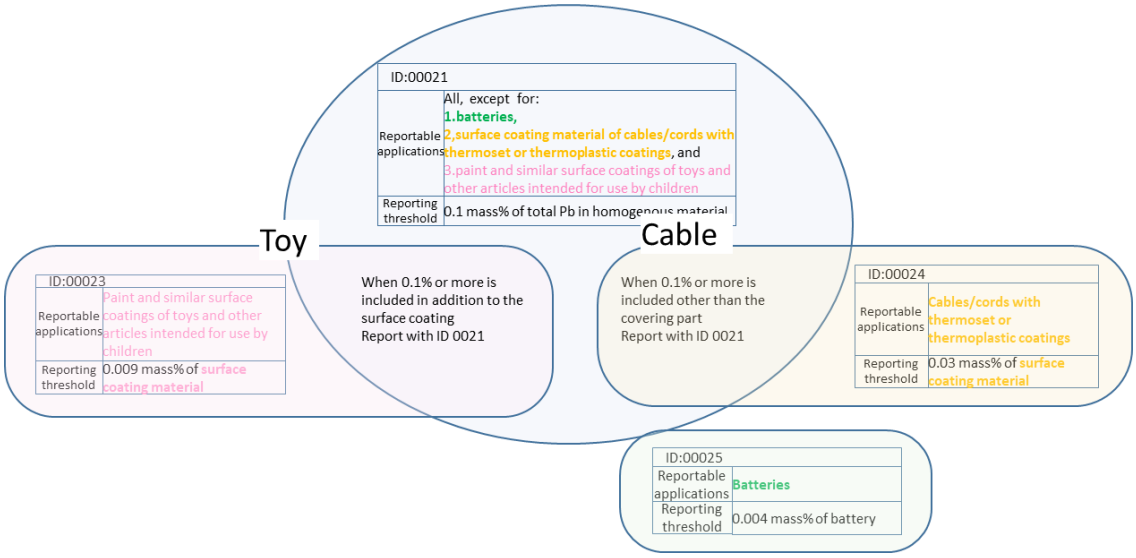
Report ID	Substance/Substance group	Changes made
00021	Lead/Lead Compounds	The reporting application modified as follows: (Before the change) All, except for: 1. batteries, 2. surface coating material of cables/cords with thermoset or thermoplastic coatings, and 3. paint and similar surface coatings of toys and other articles intended for use by children (After the change) All, except batteries

This change has enabled RoHS compliance for lead to be determined only by ID: 00021 (previously, consideration of content status by IDs 00023 and 00024 was also required; see the diagram below).

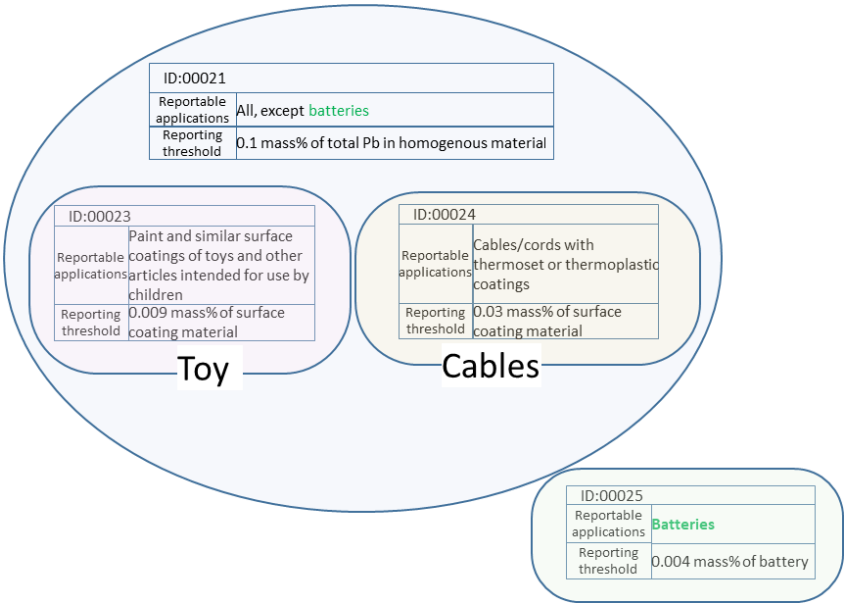
Together with the modification of reporting the application of ID: 00021, normally, the data created with a tool version before Ver. 2.01 would reset the content flags and other relevant information concerning ID: 00021 under compliance information to “blank” when the data was updated, requiring the information about content status (Y/N), etc. (and where the content status is “Y”, content rate, quantity of content, and exemption of application) to be entered again. However, considering the overwhelming workload this would cause to those who undertake reevaluation, it has been decided that the data will retain the old information.

For example, consider a case in which a cable tube contains 0.2% of lead. A Ver. 2.01 or older tool has the content status “N” for ID: 00021, which should be updated to “Y” with version 2.02. or later.

Also note that Ver 2.02 and subsequent versions should denote content status “Y” for ID: 00021 if IDs 00023 and 00024 also have a Y status and the lead content rate is 0.1% or more.



Relationship between IDs 00021, 00023, 00024 and 00025 for version 2.01 tool or earlier



Relationship between IDs 00021, 00023, 00024 and 00025 for version 2.02 tool or later

3. Application list update

Updated the application list and changed the tool version to 2.02.00. Details are as follows:

(1) Addition of an application exemption pursuant to the inclusion of PFOA into the EU regulation on the POPs.

Pursuant to the Commission Delegated Regulation (EU) 2020/784, published on June 15, 2020, an application exemption for PFOA was added to the

application list as it was included in the candidate substances of the EU regulation on the POPs. This entails that the compliance information for the IEC 62474 area section requires the entry of use codes regarding the Report ID: 00160 Perfluorooctanoic acid and its salts (PFOA) and Report ID: 00161: PFOA-related substances. Note that, while IEC 62474 DSL D20.0 describes the reason for including these substances is based on EU REACH, this data entry support tool provides options, both with composition and compliance, for application exemptions according to the EU POPs Regulations.

(2) Other

--Applied the change concerning the exemption for hexavalent chromium in application to ELVs, pursuant to EU 2020/362.

--Applied the changes to exemption items for lead in application to ELVs, pursuant to EU 2020/363.

--Updated the exemption period of EU POPs Regulations concerning PFOS, pursuant to EU 2019/1021.

4. Items to be considered

- The version 2.03 tool (scheduled for launch in February 2021) will no longer support the import of old format data (JGPSSI/AIS/MSDSplus) by conversion. Existing data in these formats should be converted to chemSHERPA formats (.shci/.shai) before upgrading the version.
- Two-byte characters, currently permitted for entering the Product name in the General window and the Component and Level names in the Composition window (for the article tool only), will not be supported by Ver. 2.03 and thereafter, as only support alphanumeric characters will be supported. Names in Japanese should be converted to English characters before the version upgrade.
- Due to the recent increase of data entered in the tool, Ver. 2.03 will be built as a 64-bit tool, and 32-bit tools will be discontinued. Data created using a 32-bit tool can be imported into the 64-bit tool system.

5. Deadline for activating this tool

In chemSHERPA, the controlled substance list is regularly updated. When the controlled substance list is updated, it is incorporated into the tool and distributed. At that time, the Exemption List is updated, tool functionality is improved, and fix bugs are done as needed. Tools have a usage expiration date in order to prevent the continued use of old lists and tools. The period of use is normally set to one year, but this tool has a period of use of two years, until August 31, 2022, in view of the possible need for referencing old-format data after the conversion import function (for old formats such as JGPSSI, AIS and MSDSplus) is made obsolete from Ver 2.03

February 24, 2020

Data Entry Support Tool (integrated version 2.01.00)

Release notes

chemSHERPA Secretariat

1. Tool added functions, changes, troubleshooting

1.1. Common Chemicals/articles Data Entry Support Tool

（1） Optimized design of error content screen
(ア) Changed the line widths of various items to make error content clearer.

（2） Changed “Output (for Approval)” error message
(ア) Changed the message displayed when the “Output (Authorization)” button is pressed while containing information that has not been updated, to use expressions which are easier to understand.

1.2. Chemicals Data Entry Support Tool

（1） Changed EXCEL output (for reference)
(ア) Modified to widen the managed criteria in forms so that the displayed content is not partially cut off.
(イ) Changed the labels for forms as follows:
Preparation | Preparation Date -> Preparation date
Authorization | Authorization Date -> Authorization date

（2） Modified error checks of product names
(ア) Modified so that errors will not occur even when single quotations are included in product names. *Since the specifications state that it is possible to use all characters in product names, this was done for consistency with the specifications. This has also been addressed in the previous version of the Articles tool (Ver. 2.00.00).

1.3. Article Data Entry Support Tool

（1） Added output items to EXCEL output (for reference) on basic information screen
(ア) Added “Remarks” containing issuer and approver information to the form output items.

（2） Added error check for consistency between Remarks and area
(ア) In the error check performed when the “Output (Authorization)” button is pressed, added the condition “If the compliance assessment information for messages

containing issuer and approver information is checked, the areas of issuer and approver information are also checked".

(イ) In the error check performed when the "Output (Request)" button is pressed, added the condition "If the compliance assessment information for Remarks containing client information is checked, the area of client information are also checked".

(3) Changed error check on compliance assessment information screen

(ア) If multiple records were entered for one ID (content determination = Y), there were cases in which a consistency check was not performed between the content rate (ppm) in line 2 and below, and the reporting threshold, so the error checks were modified to be performed on all lines.

(4) Changed messages displayed when the "Batch N" button is pressed

(ア) Changed so that a message is displayed at the time the "Batch N" button is pressed, both when "Y" is contained in the content determination, and when "Entry Y" is contained in it.

(イ) Changed the displayed message to use expressions which are easier to understand.

(5) Changed display of Application Exemption selection screen on composition information screen.

(ア) Added the comment "To select multiple application codes, use Ctrl+click" to the screen.

(イ) Modified reference information on the "RoHS Application Exemption selection" screen so that it is displayed using text wrap.

(ウ) Changed so that the reference information on the "RoHS Application Exemption selection" screen is not highlighted even if it is clicked (to prevent it from being misinterpreted as being selectable).

(6) Fixed bugs

(ア) Fixed a bug where it was possible to transition to the compliance assessment information screen even if the area was not checked, when specific operations were performed.

(イ) Fixed a bug where compliance assessment information could not be confirmed when specific conditions were compounded.

(ウ) Fixed a bug where the tool was forced to close when an error check was performed on the composition information screen after the "Substance Name" and "CAS Number" on the final line were manually deleted.

2. Information update in IEC62474 area

Added support for version D19.0 of the target substance list of IEC62474. The main changes are as follows.

（1） Added 1 substance and 1 substance group as indicated below.

Report ID	Substance name	Reporting application	Reporting threshold
00164	Diisohexyl phthalate	All	0.1 mass% of article
00165	Perfluorobutane sulfonic acid (PFBS) and its salts	All	0.1 mass% of article

（2） Changed the definition of the substance for Report ID00017.

＜Up to Ver 2.00.00＞

Report ID	CAS_NO	Substance name	Reporting application	Reporting threshold
00017	-	Disodium tetraborate	All	0.1 mass% of article

↓

＜From Ver2.01.00＞

Report ID	CAS_NO	Substance name	Reporting application	Reporting threshold
00017	-	Disodium tetraborate, anhydrous	All	0.1 mass% of article
00163	12267-73-1	Tetraboron disodium heptaoxide, hydrate	All	0.1 mass% of article

Until Ver 2.00.00, the substance “Tetraboron disodium heptaoxide, hydrate” with CAS number 12267-73-1 was reported using Report ID: 00017, but it was changed to be reported using Report ID: 000163. Please update any data from before Ver 2.00.00, and be careful when entering data for Ver 2.01.00.

（3） Changed the applicable CAS numbers for the following substances from 2 CAS numbers to 1.

＜Up to Ver 2.00.00＞

Report ID	CAS_NO	Substance name	Reporting application	Reporting threshold
00144	218-01-9; 1719-03-5	Chrysene	All	0.1 mass% of article
00145	56-55-3; 1718-53-2	Benz[a]anthracene	All	0.1 mass% of article
00157	206-44-0; 93951-69-0	Fluoranthene	All	0.1 mass% of article
00159	129-00-0; 1718-52-1	Pyrene	All	0.1 mass% of article

↓

＜From Ver2.01.00＞

Report ID	CAS_NO	Substance name	Reporting application	Reporting threshold
00144	218-01-9	Chrysene	All	0.1 mass% of article
00145	56-55-3	Benz[a]anthracene	All	0.1 mass% of article
00157	206-44-0	Fluoranthene	All	0.1 mass% of article
00159	129-00-0	Pyrene	All	0.1 mass% of article

Please update any data from before Ver 2.00.00, and be careful when entering data for Ver 2.01.00.

3. Application list update

Adopted the IEC62474 EU RoHS Annex-IV Exemption List, published on November 30, 2019 (IEC62474-Exemptions-EURoHS AnnexIV-E1.0-20191130.xlsx). The effect of this change is only a partial modification of expressions used in the application list, with no additions, deletions, or other changes to exemption applications for transmission.

4. Items to be considered

5. Deadline for activating this tool

This tool must be activated by February 28, 2021. After March 1 this tool cannot be activated. In chemSHERPA, the controlled substance list is regularly updated. When the controlled substance list is updated, it is incorporated into the tool and distributed. At that time, the Exemption List is updated, tool functionality is improved, and fix bugs are done as needed. Tools have a usage expiration date in order to prevent the continued use of old lists and tools. When updating the substance list, please download and use a tool with the updated substance list.

(to be launched in February 2021), as described in 5. above. This tool will not start up after August 31, 2022.

Regardless of the period of use of the tool, the tool will be updated when the substance list is updated, and users must download and use the latest version with the updated substance list.

September 4, 2019

Data Entry Support Tool (integrated version 2.00.00)

Release notes

chemSHERPA Secretariat

Introduction

The chemSHERPA chemicals/articles data entry support tool has been revised to Ver. 2 with the main purpose of compliance with IEC62474 Ed2.0/2018.
Please refer to the attachment for further details of revisions. Please refer to the operation and input manual for details of each function.

1. IEC62474 Ed2.0/2018 Compatibility

1.1. Change of information transfer format (schema)

- The V2 format has been changed to a format that is compliant with IEC62474 Ed2.0/2018 (schema version X8.00).

1.2. Support of Article definition in the REACH rule (articles only)

- Added a category (Article flag) that can identify articles corresponding to the SVHC denominator

1.3. IEC62474 Exemption List support (articles only)

- EU RoHS and China RoHS Exemption List are defined. In order to comply with the standards, the Exemption List defined in IEC62474ed2 2018 is applied to the EU RoHS Exemption List in chemSHERPA.

2. Added managed criteria

2.1. Added the European Union Medical Device Regulation (MDR)

- Additional management standard: LR08 European Union Medical Device Regulation
  (Medical Device Regulation 2017/745 ; MDR)
- Controlled substances:
  CMR substances in CLP regulations, REACH SVHC that falls under the category of endocrine disruptors for humans, and endocrine disrupters for humans under the Biocidal Product Regulations (BPR)
  * Although the use of nanomaterials is restricted by MDR, nanomaterials are not covered.

3. Tool added functions, changes, troubleshooting

3.1. Common Chemicals/articles Data Entry Support Tool

(1) Simplified on-screen operations

Several operations have been simplified, such as reducing/moving menu hierarchies and reducing screen transition procedures.

3.2. Article Data Entry Support Tool

(1) Added integration/simplification function for compliance assessment information

- Data Entry Support Tool Ver. 2 has also made it possible to “combine compliance assessment information.”
- On the other hand, since the number of product parts is extremely large and data capacity is large on the downstream end of products with a long supply chain, it’s now possible to simplify the compliance assessment information by aggregating redundant data.

(2) Added parts mass change function

- In Data Entry Support Tool Ver. 1, a part’s mass is not displayed on the screen, and the value obtained by accumulating the material mass for each part is internally set as the parts mass.
- In Data Entry Support Tool Ver. 2, a function has been added to display part mass on screen and arbitrarily change the accumulated material mass value.

(3) Changed error check for each mass value in component information

- In the V2 format, a function has been added that allows the part mass to be changed arbitrarily so that the error check is applied to the total mass of the product mass and part mass, and the part mass and its subordinate mass. The specifications for error check are as follows

Total part mass	Alert level
More than 110% of product mass	Error
More than 100% and 110% or less of product mass	Warning
More than 90% and 100% or less of product mass	Normal
Less than 90% of product mass	Warning

Total material mass of part subordinate	Alert level
More than 110% of part mass	Error
More than 100% and 110% or less of part mass	Warning
More than 90% and 100% or less of part mass	Normal
Less than 90% of part mass	Warning

・In accordance with this, the carry specification when adding the material mass under the parts has been changed as follows.

Total material mass of part subordinate	Unit of part's mass
1000g or more	kg
1g or more and less than 1000g	g
less than 1g	mg

※Any digits less than the effective number of digits will be rounded up.

(4) Change error check for compliance assessment information

In accordance with IEC62474 Ed2.0 / 2018, "Content" is a required item and added to the error check target.

(5) Improved convenience

Support for improved convenience, such as handling files containing multiple data with created data citations, and maintaining column width change results even when the screen transitions.

(6) Other improvements

・ On the component information screen, significant digits of the content rate (%) was 4 decimal places, so the minimum value input was 1ppm. However, by extending the significant digits in the decimal places to 7 digits, a minimum value up to 1ppb can be expressed. At the same time, the number of significant digits in the content of compliance assessment information has been expanded to 7 digits.

- In the compliance assessment information screen, even if the judgement on inclusion of the ROHS or other target substances was “Y” and the content rate exceeded the threshold, “Below threshold” could be selected with a usage code. This contradiction has been resolved (detected as an error).
- A function was added to trim unnecessary line feed codes that cause errors in data input and output when output in V2 format.
- In addition to the above, for both chemicals and articles tools, error checking has been tightened and screen display has been reviewed.

4. Information update in IEC62474 area

Added support for version D18.0 of the target substance list of IEC62474. The main changes are as follows.

（1） The following 3 substances have been added.

Report ID	Substance name	Reporting application	Reporting threshold
00160	Perfluorooctanoic acid and its salts	All	0.0000025 mass% of PFOA including its salts in article or mixture
00161	PFOA-related substances	All	0.0001 mass% of one or a combination of PFOA-related substances, in article or mixture
00162	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	All	0.1 mass% of article

（2） The following 1 substance has been changed.
For this substance, when updating the data created with tools prior to Ver. 1.07, it is necessary to re-enter the content determination (Y/N).

Report ID	Substance name	Changes
00036	Phthalates, Selected Group 1 (DEHP, DBP, BBP, DIBP)	Added DIBP

5. Application list update

The application list has been updated and the version has been changed to Ver. 2.00.00. The updates are as follows.

The exemption applications added this time are as follows.

（1） Adoption of IEC62474 Exemption List

EU RoHS exemption applications have been replaced with IEC62474 Exemption List.

※Accordingly, when a Ver1.07 or earlier file containing the following usage code is read with a Ver2.00 or later tool, the usage code will be blank. In that case, it is necessary to reselect the application.

Usage code	Symbol	Relevant standard	Application (E)	Application (J)	Expiry Date
0101	1	RoHS_0101	Mercury in compact fluorescent lamps not exceeding 5 mg per lamp	水銀が一本当たり5mgを超えないコンパクト蛍光ランプ	2010-09-24
0102	2	RoHS_0102	Mercury in straight fluorescent lamps for general purposes not exceeding 10 mg in halophosphate lamps.	一般用直管形蛍光ランプ（ハロリン酸塩ランプ）内の 10mgを超えない水銀	2010-09-24
0103	2	RoHS_0103	Mercury in straight fluorescent lamps for general purposes not exceeding 5 mg in triphosphate lamps with a normal lifetime.	一般用直管形蛍光ランプ（通常寿命の三リン酸塩ランプ）内の 5mgを超えない水銀	2010-09-24
0104	2	RoHS_0104	Mercury in straight fluorescent lamps for general purposes not exceeding 8 mg in triphosphate lamps with long lifetime.	一般用直管形蛍光ランプ（長寿命の三リン酸塩ランプ）内の 8mgを超えない水銀	2010-09-24
0105	3	RoHS_0105	Mercury in straight fluorescent lamps for special purposes	特殊用途直管形蛍光ランプ中の水銀	2010-09-24
0106	4	RoHS_0106	Mercury in other lamps not specifically mentioned in this Annex	その他のランプに含まれる水銀	2010-09-24
0107	5	RoHS_0107	Lead in glass of cathode ray tubes, electronic components and fluorescent tubes	CRT、電子部品、蛍光管のガラスに含まれる鉛	2010-09-24
0108	6	RoHS_0108	Lead as an alloying element in steel containing up to 0.35 % lead by weight	鋼鉄合金に含まれる鉛で、重量比で 0.35%を超えないもの	2010-09-24
0109	6	RoHS_0109	Lead as an alloying element in aluminum containing up to 0.4 % lead by weight	アルミニウム合金に含まれる鉛で、重量比で 0.4%を超えないもの	2010-09-24
0110	6	RoHS_0110	Lead as an alloying element in copper containing up to 4 % lead by weight	銅合金に含まれる鉛であって、重量比で 4%を越えないもの	2010-09-24
0111	7	RoHS_0111	Lead in high melting temperature type solders (i.e. lead based solder alloys containing 85 % by weight or more lead)	高融点はんだ内の鉛（重量比で鉛 85％以上を含む鉛合金）	2010-09-24
0112	7	RoHS_0112	Lead in solders for servers, storage and storage array systems, network	サーバー、データストレージ、およびデータストレージアレイシステ	2010-09-24

Usage code	Symbol	Relevant standard	Application (E)	Application (J)	Expiry Date
			infrastructure equipment for switching, signaling, transmission as well as network management for telecommunications	ム、通信システムのネットワーク管理はもちろん、スイッチング、信号処理、伝送などの機器内のはんだに含まれる鉛	
0113	7	RoHS_0113	Lead in electronic ceramic parts (e.g. piezoelectronic devices)	電子セラミック部品（例えば圧電素子）に含まれる鉛	2010-09-24
0114	8	RoHS_0114	Cadmium and its compounds in electrical contacts and cadmium plating except for applications banned under Directive 91/338/EEC amending Directive 76/769/EEC relating to restrictions on the marketing and use of certain dangerous substances and preparations	電気的接点やめっきに含まれるカドミウム及びその化合物（EU指令＜76/769/EEC＞の修正指令＜91/338/EEC＞で禁止されている用途を除く）	2010-09-24
0115	9	RoHS_0115	Hexavalent chromium as an anti-corrosion of the carbon steel cooling system in absorption refrigerators.	吸収型冷蔵庫の炭素鋼冷却システムの耐蝕材として用いられる六価クロム	2010-09-24
0116	9a	RoHS_0116	DecaBDE in polymeric applications	重合用途のデカ臭化ジフェニルエーテル（Deca BDE）	2008-07-01
0117	9b	RoHS_0117	Lead in lead-bronze bearing shells and bushes	鉛青銅製ベアリングシェル／軸受けに含まれる鉛	2010-09-24
0118	11	RoHS_0118	Lead used in compliant pin connector systems	コンプライアント-ピン-コネクタシステムに含まれる鉛	2010-09-24
0120	13	RoHS_0120	Lead in optical and filter glass	光学、フィルターガラスに含まれる鉛	2010-09-24
0121	13	RoHS_0121	Cadmium in optical and filter glass	光学、フィルターガラスに含まれるカドミウム	2010-09-24
0126	18	RoHS_0126	Lead as activator in the fluorescent powder (1 % lead by weight or less) of discharge lamps when used as sun tanning lamps containing phosphors such as BSP (BaSi2O5:Pb) as well as when used as specialty lamps for diazo-printing reprography, lithography, insect traps, photochemical and curing processes containing phosphors such as SMS ((Sr,Ba)2MgSi2O7:Pb).	BSP(BaSi2O5:Pb)等の蛍光体を含む日焼け用ランプとして、および SMS((Sr,Ba)2MgSi2O7:Pb)等の蛍光体を含む、ジアゾ印刷複写、リソグラフィ、捕虫器、光化学、硬化処理用の専用ランプとして使用される放電ランプの蛍光体の付活剤としての鉛(重量比 1%以下の鉛)	2010-09-24

Usage code	Symbol	Relevant standard	Application (E)	Application (J)	Expiry Date
0130	22	RoHS _0130	Lead as impurity in RIG (rare earth iron garnet) Faraday rotators used for fiber optic communications systems.	光ファイバー通信システムに使用される RIG ファラデー回転子に不純物として含まれる Pb	2009-12-31
0133	25	RoHS _0133	Lead oxide in plasma display panels (PDP) and surface conduction electron emitter displays (SED) used in structural elements; notably in the front and rear glass dielectric layer, the bus electrode, the black stripe, the address electrode, the barrier ribs, the seal frit and frit ring as well as in print pastes.	構造体として使用する PDP および SED に含まれる酸化鉛。特に前面および背面ガラス誘電体層、バス電極、ブラックストライプ、アドレス電極、バリアリブ、シールフリット、フリットリングおよびプリントペーストに含まれる酸化鉛	2010-09-24
0136	28	RoHS _0136	Hexavalent chromium in corrosion preventive coatings of unpainted metal sheetings and fasteners used for corrosion protection and Electromagnetic Interference Shielding in equipment falling under category three of Directive 2002/96/EC (IT and telecommunications equipment). Exemption granted until 1 July 2007.	無塗装金属板およびファスナーの防食用途と2002/96/ECのカテゴリ 3 に属する設備（IT および通信設備）の電磁気インターフェースシールドに含有する 6 価クロム。この除外は 2007 年 7 月 1 日まで。	2007-07-01
0143	35	RoHS _0143	Cadmium in photoresistors for optocouplers applied in professional audio equipment until 31 December 2009	専門家向けオーディオ装置に適用されるオプトカプラー用フォトレジスター中のカドミウム	2009-12-31

(2) EU RoHS Exemption application revision

- Updated exemption application item 7(c)-II for lead based on (EU) 2019/169.
- Updated exemption application item 7(c)-IV for lead based on (EU) 2019/170.
- Updated exemption application item 8(b) for cadmium and added 8(b)-I based on (EU) 2019/171.
- Updated exemption application item 15 and added 15(a) for lead based on (EU) 2019/172.
- Exemption item 21 for lead and cadmium was updated, and exemption items 21(a) and 21(b) for cadmium and exemption item 21(c) for lead were added based on (EU) 2019/173.

- Updated exemption application item 29 for lead based on (EU) 2019/174.
- Updated exemption application item 32 for lead based on (EU) 2019/175.
- Updated exemption application item 37 for lead based on (EU) 2019/176.
- Updated exemption application item 18(b) and added 18(b)-I for lead based on (EU) 2019/177.
- Added exemption application item 42 for lead based on (EU) 2019/178.

6. Items to be considered

6.1. Cautions when outputting in V1 format

Keep the following points in mind when outputting in V1 format.

- When outputting in V1 format, the Article flag is not output (When reading V1 format files, Article flag is the default setting).
- 7 digits may be entered after the decimal point for the content rate of component information and the content of compliance assessment information, but when outputting in V1 format, it will be 4 decimal places (rounded up).
- Multiple exemption application revisions can be selected, however when outputting in V1 format it is necessary to make 1.
- If only the component information is checked in the client's message, it cannot be output in V1 format. When reading, both the component information and the compliance assessment information are checked.

7. Deadline for activating this tool

This tool must be activated by September 4, 2020. After September 5 this tool cannot be activated.

In chemSHERPA, the controlled substance list is regularly updated. When the controlled substance list is updated it is incorporated into the tool and distributed. At that time, the Exemption List is updated, tool functionality is improved, and fix bugs are done as needed. Tools have a usage expiration date in order to prevent the continued use of old lists and tools. When updating the substance list, please download and use a tool with the updated substance list.