

chemSHERPA Data (AI) Entry Support Tool V2R1 for Articles

Malfunction when deleting row of substance

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For download users

JAMP Secretariat

In the Data (AI) Entry Support Tool V2R1 for Articles, it was found that a problem occurred under certain conditions when substance information in the Composition Information screen was deleted. Data (CI) entry support tool V2R1 for chemicals is not affected.

We sincerely apologize for the inconvenience caused by the problem that was discovered after the tool was released to the public.

Please see the details below and take action as necessary.

----- Note -----

1. Affected tool version

Data (AI) Entry Support Tool for Articles V2R1.00.0

2. Conditions under which defects occur

When deleting a substance by clicking the "Delete Substance" button on the Composition Information screen, the problem occurs when the row of the substance to be deleted meets all of the following four conditions.

- Belonging to the second and subsequent Components
- The first line of the Component to which it belongs
- The first line of the material to which it belongs
- Other substance lines exist in the material to which it belongs.

※ If the row of substance to be deleted contains pseudo substance or Misc, this also applies when you delete the substance by clicking the "Delete Pseudo Substances & Misc" button.

Figure 1 shows a specific case in which the conditions match.

The substance row indicated by the red frame in Figure 1 is applicable.

Composition											Update substance information		Delete Pseudo Substances	
Component						Material					Substance			
Composi te No.	Component No.	Component name	Quantity	Mass	Unit	Usage	Classificati on symbol	Name	Mass	Unit	Substance	CAS No.	Maximum content rate per materials(%)	
	Add component			Recalculation		lect mater	Add material				Select	Add substance		
	Delete compone					Quote CI	Delete mater					Delete substance		
	*	*	*	*		*	*		*	*				
1	1 Product01	Product		8.6	g									
2	2 Parts00001	PartsA	1	100	mg	1.base ...	R211	Cast alumin...	100	mg	Aluminum magnesiu...	11137-98-7	60	
3	2 Parts00002	PartsB	1	200	mg	1.base ...	R311	Copper (e.g. ...	180	mg	Copper (Cu); Copper...	7440-50-8	80	
4											Lead; Lead powder; ...	7439-92-1	5	
5						2.clad	P514	PVC (Poly(vi...	20	mg	Bis(2-ethylhexyl) ph...	117-81-7	15	
6	2 Parts00003	PartsC	1	8300	mg	1.base ...	R340	Nickel and Ni...	7.5	g	Nickel	7440-02-0	40	
7											Lead; Lead powder; ...	7439-92-1	3	
8						2.clad	P516	POM (Polyac...	0.8	g	5,5'-[2,2,2-Trifluoro...	1107-00-2	20	

Figure 1. Specific cases that meet the conditions

* To display the "Component/Mass" information, click "File" -> "Show Total parts Mass" in the upper left corner of the Composition Information screen.

3. Description of the defects that occur

If all of the conditions in 2. above are met, clicking the "Error check" button will cause the "Component name", "Mass" and "Quantity" of the upper part to be overwritten and copied to the position of the deletion line by the tool's modernization process.

The error checking process is then performed, but the above-mentioned relevant line is not subject to error checking and therefore is not detected by the error check. This defect is not eliminated even if the data is created as Authorized data.

Figure 2 shows the result of deleting the substance in the third row by clicking the "Delete Substance" button and then clicking the "Error Check" button; the "Component name" and "Mass" in the third row are copied and overwritten with the values in the second row. (In this case, the "Quantity" does not change because the quantity is the same.)

Composition											Update substance information		Delete Pseudo Substance	
Component						Material					Substance			
Composite No.	Component No.	Component name	Quantity	Mass	Unit	Usage	Classification symbol	Name	Mass	Unit	Substance	CAS No.	Maximum content rate per materials(%)	
	Add component			Recalculation		Select material	Add material				Select	Add substance		
	Delete component					Quote CI	Delete material					Delete substance		
	*	*	*	*		*	*		*	*				
1	1	Product01	Product		8.6	g	▼			▼				
2	2	Parts00001	PartsA	1	100	mg	▼	1.base ... R211	Cast aluminium	100	mg	Aluminum magnesium alloy	11137-98-7	60
3	2	Parts00002	PartsA	1	100	mg	▼	1.base ... R311	Copper (e.g. ...)	180	mg	Lead; Lead powder; ...	7439-92-1	5
4							▼	2.clad P514	PVC (Poly(vinyl chloride))	20	mg	Bis(2-ethylhexyl) phthalate	117-81-7	15
5	2	Parts00003	PartsC	1	8300	mg	▼	1.base ... R340	Nickel and Nickel alloy	7.5	g	Nickel	7440-02-0	40
6							▼					Lead; Lead powder; ...	7439-92-1	3
7							▼	2.clad P516	POM (Polyacetaldehyde)	0.8	g	5,5'-[2,2,2-Trifluoroethylidene]bis(2,2,2-trifluoroethyl)phosphor	1107-00-2	20

Figure 2. Composition information after substance deletion

4. About the Defect-fixing Version Tool

The Data (AI) Entry Support Tool for Articles was released on October 23 as V2R1.00.1.

In addition, the previous tool version V2R1.00.0 is no longer available on the web.

Users who have already downloaded the tool version V2R1.00.0 are requested to replace it with V2R1.00.1 as soon as possible.

5. Handling of Existing Data

.shai files created using Data (AI) Entry Support Tool for Articles V2R1.00.0, regardless of whether they are in V2ex or V2 format, may have the above-mentioned problems if substances have been deleted. Please load the data you have already created using the V2R1.00.1 tool, which is a version that fixes the problems, and then execute "Error check" on the Composition Information screen to check the results.

If no error/warning judgment is made, this defect is not applicable. **(Note 1)**

If an error/warning is detected due to this problem, please correct the "Component name", "Mass" and "Quantity" in the "Component" column to the original name, mass and quantity. You can change the mass values by clicking the "Recalculate" button in the "Component/Mass" section. **(Note 1)**

*The "Recalculate" button for the mass of Component appears on the screen when you click "File" -> "Show Total parts Mass " in the upper left corner of the Composition information screen.

(Note 1)

If a substance is deleted under the above conditions, and the mass value of the part changes by 10% or less in absolute value, it may be within the acceptable range as a normal value in the error check, and it may not be detected in the error/warning judgment.

In this case, it is possible to detect the error because the corresponding "Component name," "Mass," and "Quantity" are copied with the "Component name," "Mass," and "Quantity" on the above line, and they have the same name, mass, and quantity of members, respectively,

Please check the duplication of "Component name", "Mass" and "Number of members".

Revision History

Date of issue	Version of report	Content
2024.10.23	No.1	First edition
2024.10.29	No.1_2	(1) Added "Quantity" to the list of defects (2) Added (Note 1)

Best regards.