

Article Groups and Flags

Introduction:

- **Article Groups** and **Flags** are used to create groupings of substances.
- Both of these options then allow specific data output linked to specific substances, on the SDS or label
- Both options help to restrict the data printed/output via `Ctrl 1` *Printouts and queries* and `Ctrl 2` *Data output*
- **Article Groups** are generally used for defining substances into larger groups.
- **Flags** allow you to assign specific information to your groupings.

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Article Groups:

- Article Groups are group names.
- These names and their corresponding phrases can be input in various languages.
- They can also be set up via **General Description**, where this description and the phrases then apply for all languages for which no translation is entered.
- Article Groups assist in defining ranges of output in various Ctrl 1 **Printout and queries** programs, as well as in various Ctrl 2 **Data output** programs and in output options for SDS phrases.
- Article Groups and their phrases can also be output on the label.

Article group	Description	Phrases	Translations
1	Creation of a new article group		
2	ACID Acid	<input checked="" type="checkbox"/>	
3	ADH Adhesives	<input checked="" type="checkbox"/>	
4	BASE Bases	<input type="checkbox"/>	
5	test General description of article group	<input checked="" type="checkbox"/>	D/FR/USA
6	PNT Paints	<input type="checkbox"/>	
7	RAW Raw Materials	<input type="checkbox"/>	
8	TOB Tobacco Products	<input type="checkbox"/>	

Language	Translation	Label phrases		
		1	2	3
General description	General Article Group Description	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
American English	Article group description	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
English	Article group description	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
French	Nom du groupe d'article	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
German	Artikelgruppenbezeichnung	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arabic		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Azeri		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bosnian		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bulgarian		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Byelorussian		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chinese		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chinese (traditional)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Croat		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Czech		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Danish		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dutch		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
English - Australia		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
English - Canada		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
English - Malaysia		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Estonian		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Finnish		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
French - Canada		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Creating an Article Group

1. Via the field **Article Group** in the *Maintenance of raw materials / preparations*, by clicking into the field and pressing **Page ↓ Overview**.
2. Via **Ctrl 4 Maintenance programs – Various tables – Article groups**.

In both cases, it is then necessary to click on *Creation of a new article group*.

In the next screen, enter an *Abbreviation* and a *General description* as well as *language-specific descriptions*, if desired.

Article group	Description	Phrases	Translations
1	Creation of a new article group		
2	WGK	Änderung der WGK	
3	UPD	Änderung für Update	
4	ART	General Article Group Description	D/ENG/FR/USA
5	WGK1	neue Änderung der WGK	
6	MAK	Stoff nur im MAK-Wert-Programm	

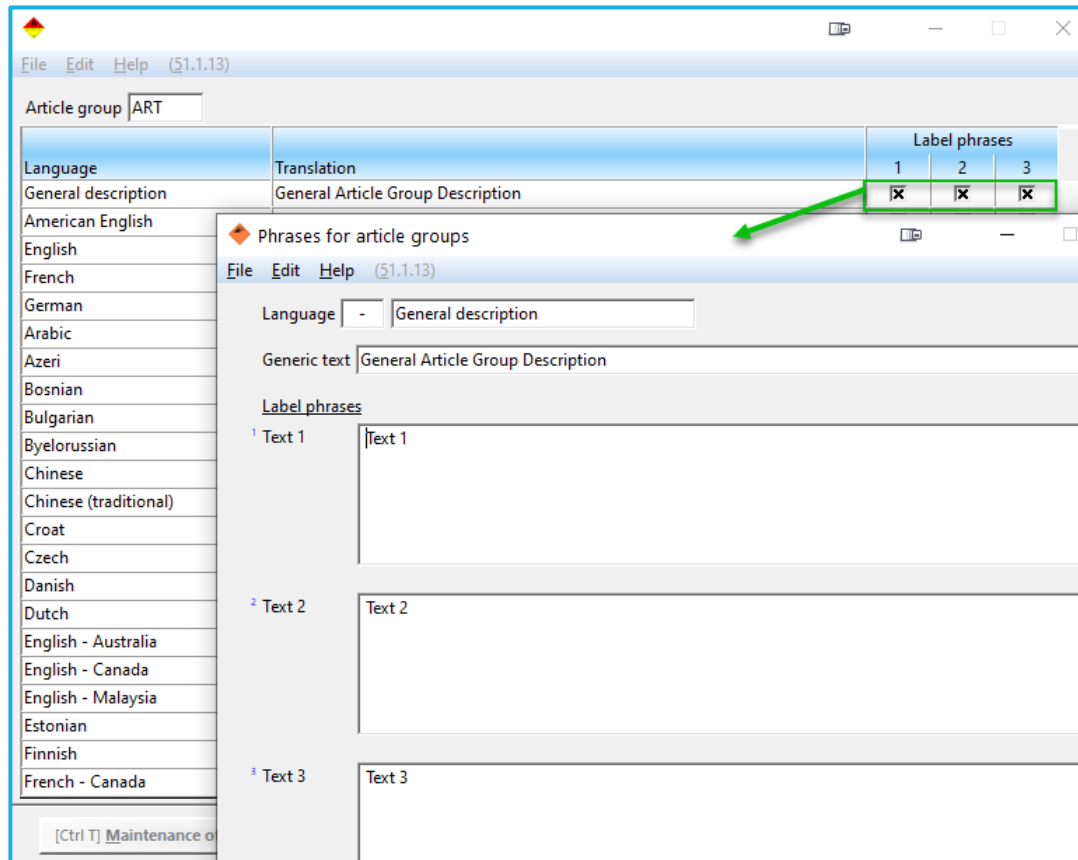
Language	Translation	Label phrases		
		1	2	3
General description	Sample General	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
American English	Sample American English	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arabic	Sample Arabic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chinese	Sample Chinese	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Azeri		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bosnian		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bulgarian		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Byelorussian		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chinese (traditional)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Croat		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Czech		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Danish		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dutch		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
English		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
English - Australia		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
English - Canada		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
English - Malaysia		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Estonian		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Finnish		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
French		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
French - Canada		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
German		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Article Group Phrases

Phrases can be created for each article group. These can be entered in translation along with the foreign language descriptions.

In order to create them, click into the **label phrases** boxes.

For every created phrase, an ‚x‘ in the **Label phrases** boxes, indicates that a phrase exists.



Article Groups in the SDS

Article Groups can be used as conditions for phrases for the SDS. These are treated as **OR-conditions**, meaning that if more than one article group is assigned as a condition, any one of them can trigger the output of the phrase.

In the *Maintenance of phrases* (**Ctrl 4** **Maintenance programs – Safety Data Sheets – Text modules**) you can assign up to 10 Article Groups as conditions to any phrase.

The screenshot displays the 'Maintenance of phrases (American English)' application. The main window shows a phrase '4.80.30' with the text 'Indication of any immediate medical attention...' and a 'Conditions' section containing the entry 'Article group: ART General Article Group Description'. A secondary window shows a table of article groups, with 'ART' selected. A third window shows a list of article group descriptions, with 'General Article Group Description' and 'New Article Group' visible.

Non-hazardous substances	Hazardous substances
GHS classification	Flags
DSD/DPD classification	Article groups
Transport	Ingredients
NFPA (USA)	Substance groups
WHMIS (Canada)	For the public/industrial use
Water hazard classes	Product codes
Waste codes	Physical/chemical values
	Chemical elements
	Target organs

article groups	General Article Group Description
ART	General Article Group Description
NEW	New Article Group
[1] Previous field	
[Page 1] Overview	

5 Default value for variables

Phrase was created by user

[J, Esc] Exit | [Insert] Conditions | [Alt F3] Alteration language | [Ctrl F8] Searching for allocation of other phrases | [Ctrl F10] Search for allocations
[F1] Occurrence of the phrase 4.80.30/17 | [Alt Delete] Delete | [Ctrl F7] Delete this translation | [I] Next record | [P] Previous record

Article Groups on the label

Via *Additional Phrases* or *Variables*, you can output an Article Group or one of the label phrases assigned to that Article Group, on the label.

This is useful, for example, for use instructions that are linked to specific Article Groups and thus to specific substances.

Additional phrases 5

File Edit Help (51.1.13)

1 Alignment just. leftfont: 2 Type Times New Roman

just. right 3 Minimum size 8

centered 4 Maximum size 8

justified 5 Color ●

Allocation of phrases

6 Standard label phrase 7 Language (also used for article groups)

8 Phrase from SDS

9 Output of headings 10 Blank line before each heading 11 New line per phrase 12 Use sub-headings too

13 Table from SDS

14 With CAS number 15 With percentage 16 New line per substance 17 Output of heading

18 SDS for country

19 Name of the transported good (setting is also used for transport symbol)

20 Full shipping declaration

21 Flag (only the first flag will be used)

22 Article group Phrases allocated to article groups: 23 Text 1 24 Text 2 25 Text 3

26 Text for Proposition 65 (long) 27 Proposition 65 (short)

[Esc] Exit [Alt Delete] Delete [F4] Maintenance of Article group texts

For *Additional Phrases*, the Article Group is output in the language of the Label.

For *Variables*, you can choose the language for the Article Group output.

Variable definitions

File Edit Help (51.1.13)

Description Example Sequence number 14

02 Allocation Article group - long text 1

Variable allocation

File Edit Help (51.1.13)

No allocation Sequential number Time stamp

Description

Product code Only main product code Only variant product code CAS number

Barcode Barcode with transferred field

Flag

Article group Language according to the selection Article group - long text 1

Add

Flas Value Melting point Molecular weight

For Description of the article group

Wa Article group - long text 1 Austria Waste key EU Waste key Austria

EU Article group - long text 2 Swiss VOC

Tr Article group - long text 3

[Esc] Exit [1-4] Selection

Special HEALTH FLAMMABILITY REACTIVITY Health Flammability

Transferred field

Combined field

Calculated field

l → gal gal → L lb → kg kg → lb

Number of a text module Number will be replaced by text during print...

"EC Label"

[Esc] Exit

Creating a Flag

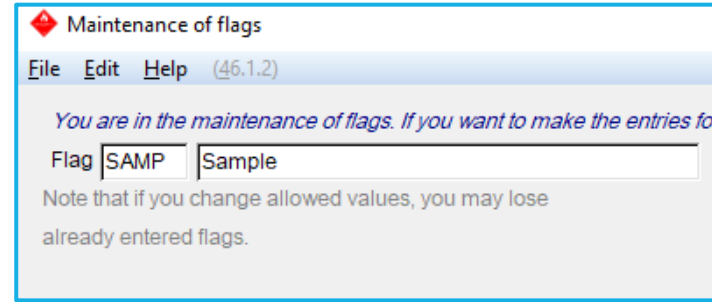
Flags can be created in two ways:

1. In the *Maintenance of raw materials / preparations*, after clicking into the field **Flag**
2. Access the **Maintenance of flags** via **Ctrl 1 Maintenance programs – Various tables – Flags**.

Using either option, click on **Insert Creation of new flag** to create a new flag.

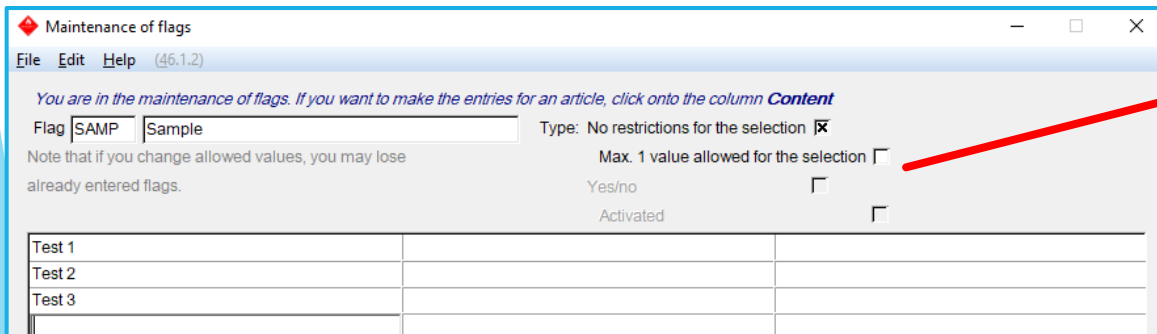
In order to create the flag:

- enter the abbreviation and description,
- choose the field type, and
- enter the sub-options



Abbr.	Flag description	Content	Type	Possible contents
CLP3	CLP 3. ATP		∞	CLP 3
COL	Color Line 3		∞	blue/red/green
CUST	Customer		Max. 1	No limitations
ISC	Internal Storage Code		∞	123/456/789
4	pH Value		∞	No limitations
1	Possible Carcinogen		<input checked="" type="checkbox"/> / <input type="checkbox"/>	
3	Tumor Promoter		Activation	

[Esc] Exit [Insert] Creation of new flag [[Ctrl ↵]] or [Right click] Maintenance of flags
[1-7] Selection [Ctrl+A-Z,1-9,0] Search



There are four different types of flags:

∞ - The Infinity Symbol - No restrictions for the selection:

This indicates that you can allocate as much content as you wish, up to the maximum available number of content fields (60).

Max. 1 – Max. 1 value allowed for selection:

This type of flag allows you to only select one content field at a time, even if more are available. It allows you to more quickly activate/deactivate flag details, as you can just change the flag content, rather than having to deactivate the one(s) you do not want to have.

Yes/no:

With this type of flag, you have 3 options, 'Yes', 'No' or 'Not set'. 'Not set' *deactivates* the flag, while 'No' indicates a 'No'-flag and of course, 'Yes' indicates a 'Yes'-flag. The 'Not set' option ensures clarity. It is necessary to choose 'No' if mean to indicate 'No' for the flag. 'Not set' on the other hand means that it is intentionally not marked 'Yes' or 'No'.

Activation – Activated:

This flag can be simply activated or deactivated.

Flags in the SDS:

Flags, just like article groups, can be used as conditions for the output of phrases. Due to the nature of flags, it is thus possible to refine the phrase output. If more than one flag or more than one sub-option of flags, is chosen, these are treated as **OR-conditions**.

In the *Maintenance of phrases* (Ctrl 4 **Maintenance programs – Safety Data Sheets – Text modules**) you can assign Flags as conditions to any phrase.

The screenshot displays the 'Maintenance of phrases' window with the 'Flags' tab selected. A 'Flags' dialog box is open, showing a table of flags and their settings. The 'Flags' dialog has a menu bar (File, Edit, Help) and a title bar (51.1.13). It contains several checkboxes for output conditions and a table of flags.

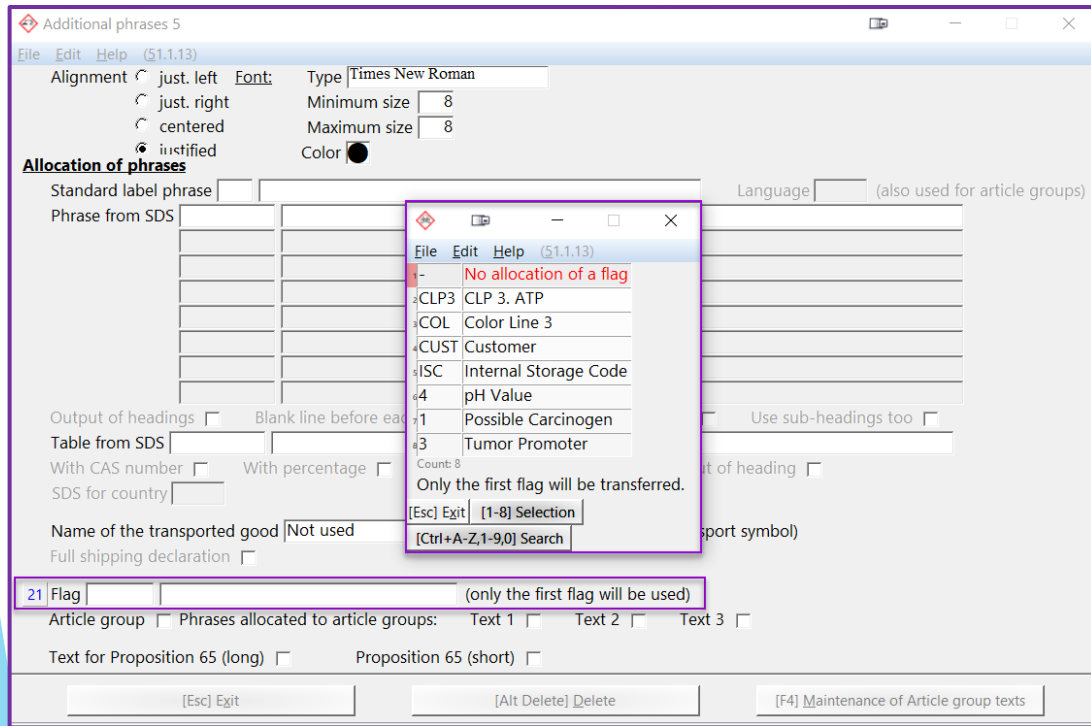
Abbr.	Flag description	Content	Type	Possible contents
COL	Color Line 3	blue	∞	blue/red/green
1	Possible Carcinogen	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> / <input type="checkbox"/>	
3	Tumor Promoter	<input checked="" type="checkbox"/>	Activation	
CLP3	CLP 3. ATP		∞	CLP 3
CUST	Customer		Max. 1	No limitations
ISC	Internal Storage Code		∞	123/456/789
4	pH Value		∞	No limitations

Other visible elements in the screenshot include the 'Maintenance of phrases' window with 'Phrase 4.30' and '23', and a 'Flags' dialog with a table of flags and their settings.

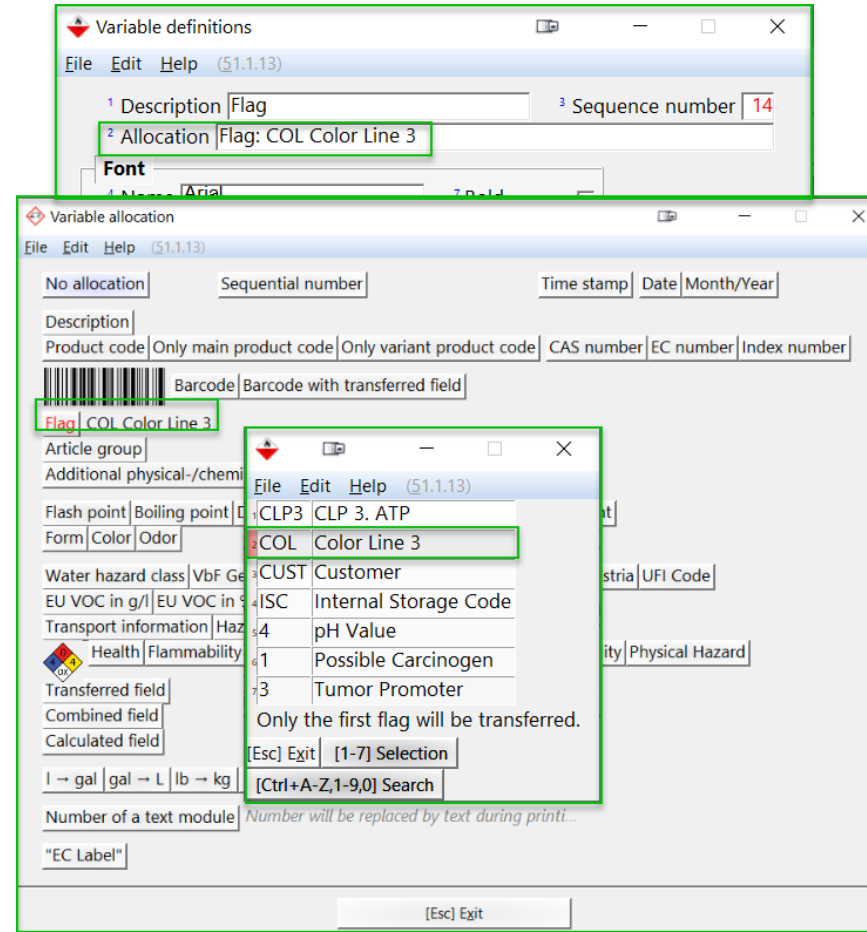
Flags on the Label:

Flags are output on the label via **Additional Phrases** or **Variables**.

For each **Additional Phrase**, only one Flag or content thereof, is output. Thus, if more than one is chosen, only the first one will be output.



Due to their nature, there are no translations for Flags. If translations are required, please make use of Article Groups.



**More detailed Information can be found in the
Manual to ChemGes**

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