

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"/>

Count: 8
Group+ [Ctrl ←] or [right click] Maintenance [Esc] Exit [1-8] Selection
[Ctrl+A-Z, 1-9, 0] Search

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"/>

[Ctrl T] Maintenance of the specific label phrases [Esc] Exit [Alt Delete] Delete [↓] Next line [Page ↓] Next page

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 tabels – 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	<input type="checkbox"/>	
3	UPD Änderung für Update	<input type="checkbox"/>	
4	ART General Article Group Description	<input type="checkbox"/>	D/ENG/FR/USA
5	WGK1 neue Änderung der WGK	<input type="checkbox"/>	
6	MAK Stoff nur im MAK-Wert-Programm	<input type="checkbox"/>	

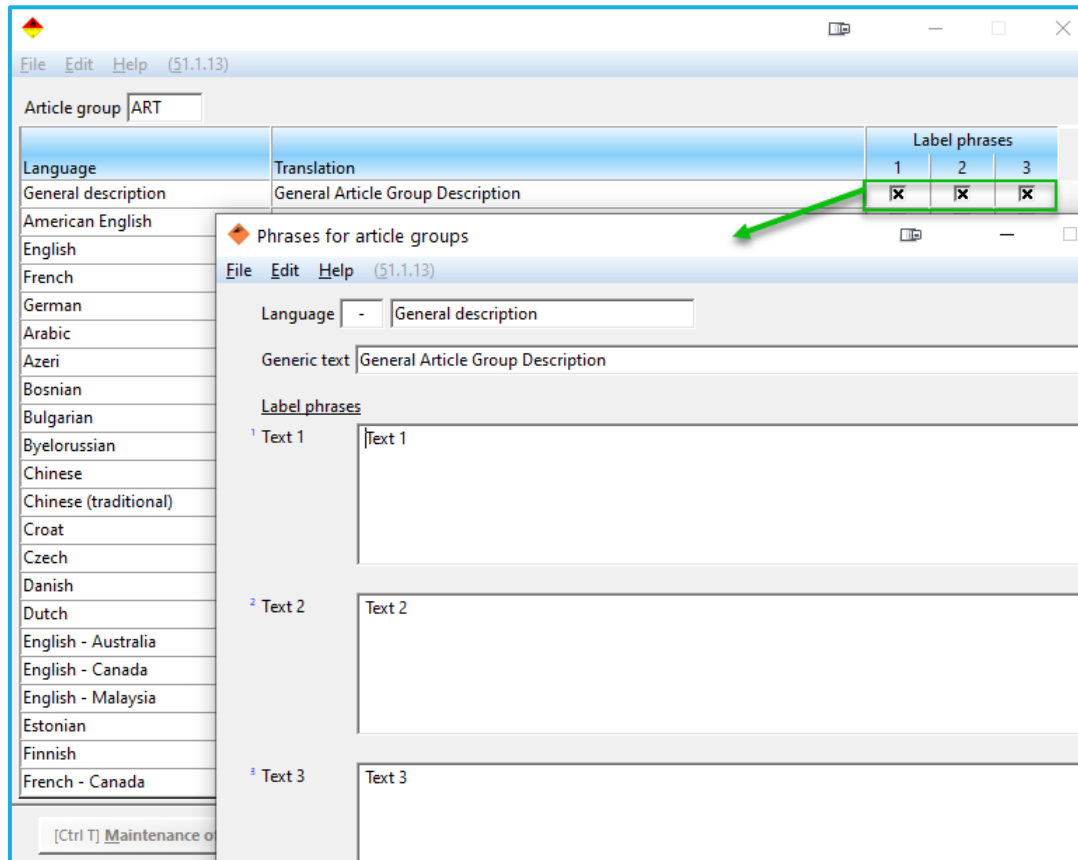
Language	Translation	Label phrases		
		1	2	3
General description	Sample General	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
American English	Sample American English	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arabic	Sample Arabic	<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 shows the 'Maintenance of phrases (American English)' application. The main window displays the 'Conditions' section for phrase 4.80.30. The 'Conditions' list contains the entry: 'Article group: ART General Article Group Description'. A dialog box is open, showing a table of article groups.

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

At the bottom of the application, the status bar shows the following keyboard shortcuts:

- [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. left just. right centered justified 2 Type Times New Roman 3 Minimum size 8 4 Maximum size 8 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

For

Wa

EU

Tr

[Esc] Exit [1-4] Selection

Value Melting point Molecular weight

Austria Waste key EU Waste key Austria

Swiss VOC

Special HEALTH FLAMMABILITY REACTIVITY Health Flammability

Transferred field

Combined field

Calculated field

l → gal gal → L lb → kg kg → lb

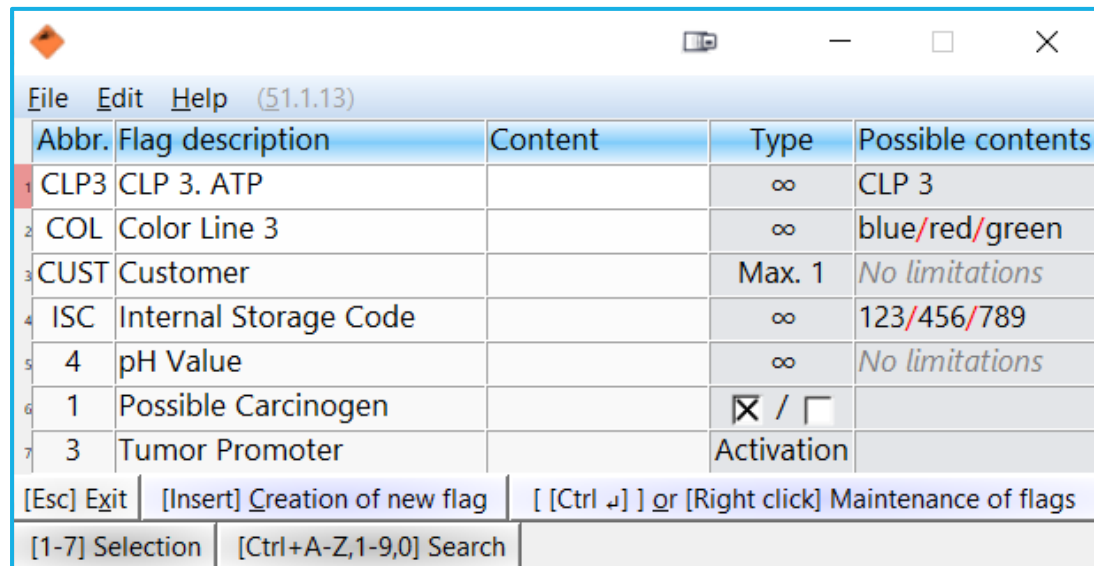
Number of a text module Number will be replaced by text during print...

"EC Label"

[Esc] Exit

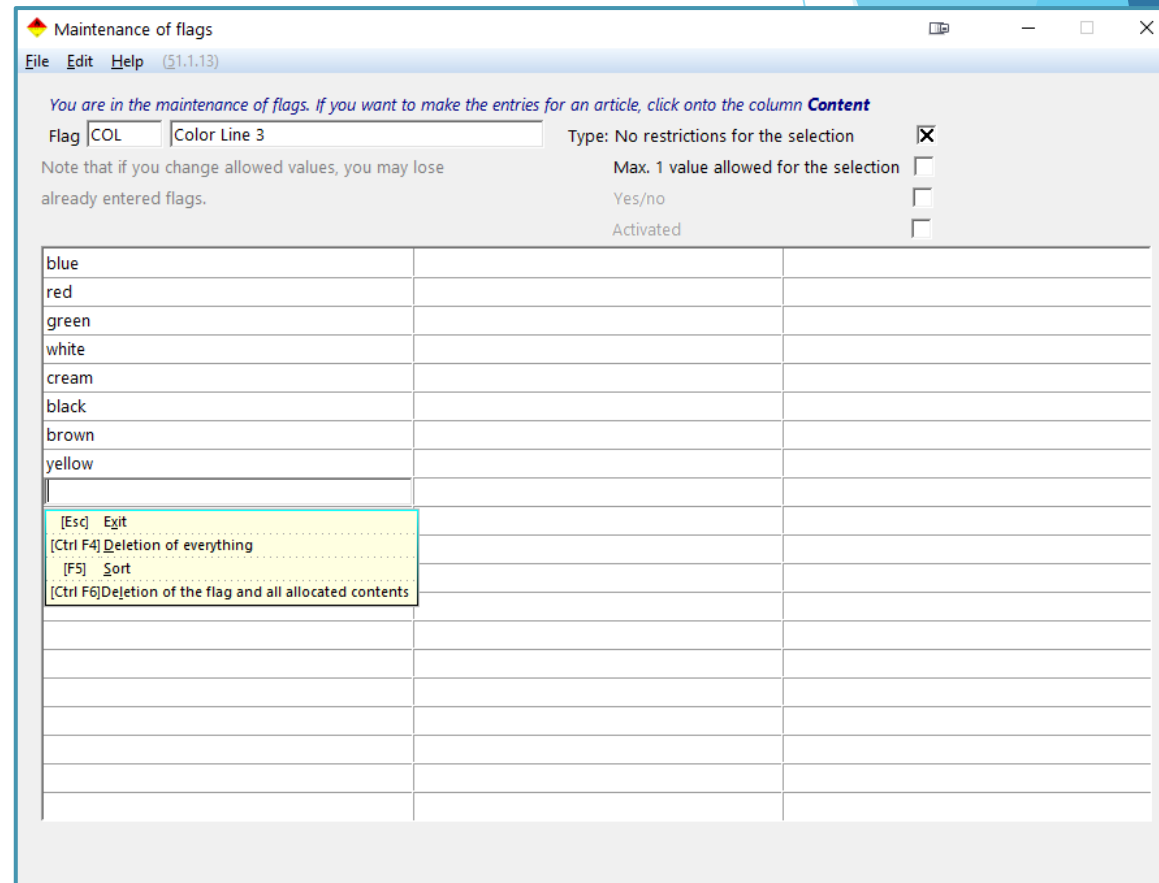
Flags

- Flags are used to generate detailed groupings of raw materials and preparations.
- They consist not only of the group name but also of sub-options for refinement (Colour: blue, red, yellow)
- Just like article groups, flags can be used for the definitions of various output options under **Ctrl 1** *Printouts and queries* and **Ctrl 2** *Data Output*.
- They can be used for the output of information in SDSs and on labels and assist in providing information on product properties.
- You can have up to 400 flags with 60 sub-options each.



Abbr.	Flag description	Content	Type	Possible contents
1 CLP3	CLP 3. ATP		∞	CLP 3
2 COL	Color Line 3		∞	blue/red/green
3 CUST	Customer		Max. 1	No limitations
4 ISC	Internal Storage Code		∞	123/456/789
5 4	pH Value		∞	No limitations
6 1	Possible Carcinogen		<input checked="" type="checkbox"/> / <input type="checkbox"/>	
7 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



Maintenance of flags

You are in the maintenance of flags. If you want to make the entries for an article, click onto the column **Content**

Flag [COL] [Color Line 3] Type: No restrictions for the selection

Note that if you change allowed values, you may lose already entered flags.

Max. 1 value allowed for the selection

Yes/no

Activated

blue		
red		
green		
white		
cream		
black		
brown		
yellow		

[Esc] Exit
[Ctrl F4] Deletion of everything
[F5] Sort
[Ctrl F6] Deletion of the flag and all allocated contents

Creating a Flag

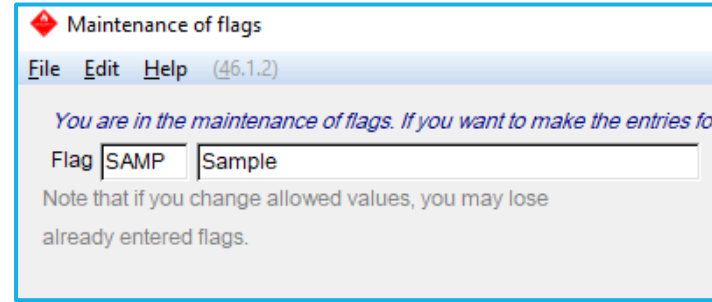
Flags can be created in two ways:

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**.

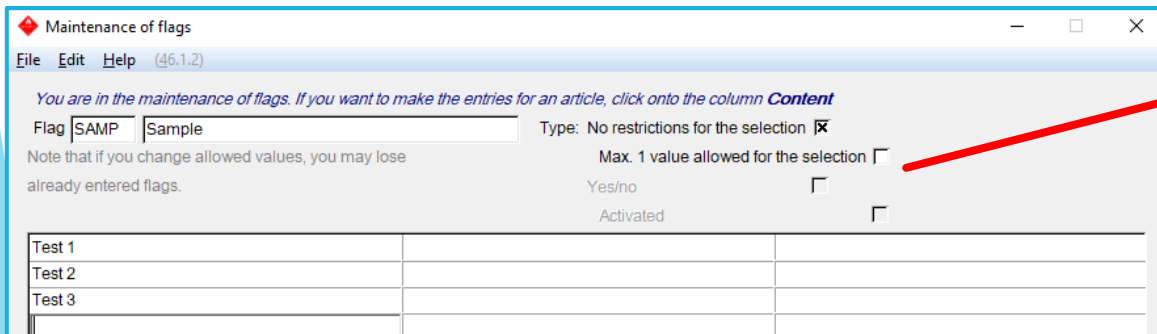
Using either option, click on **Insert Creation of new flag** to create a new flag.

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	



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.

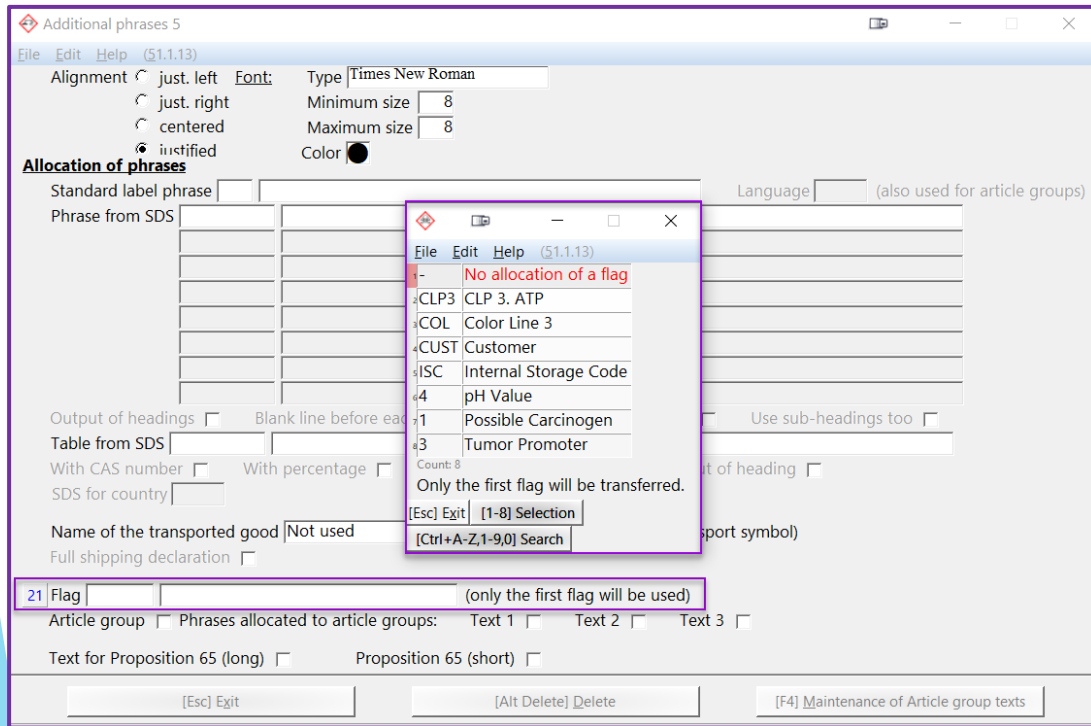
The screenshot shows the 'Maintenance of phrases' window with the 'Flags' tab selected. The 'Flags' tab is highlighted with a green box. Below it, a list of flags is displayed in a table format. The table has columns for 'Abbr.', 'Flag description', 'Content', 'Type', and 'Possible contents'. The flags listed are:

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

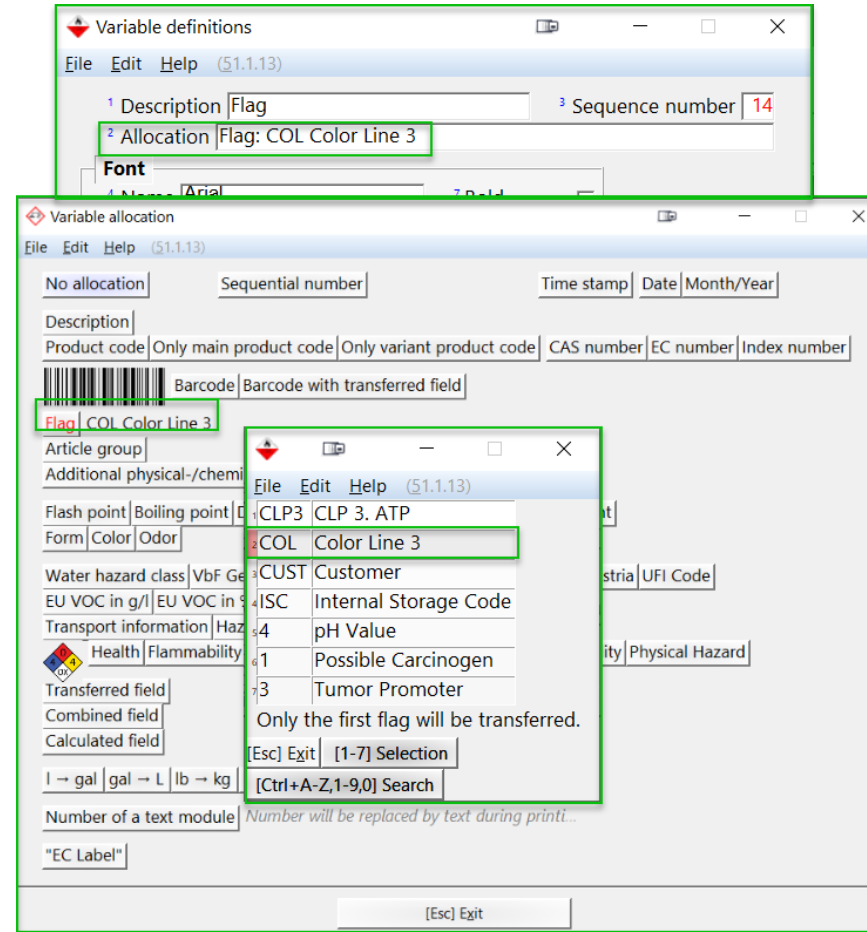
Flags on the Label:

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**

@ www.dr-software.com Downloads

