

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 *Printouts and queries* and *Data output*
- **Article Groups** are generally used for defining substances into larger groups.
- **Flags** allow you to assign specific information to your groupings.

Please direct additional questions to our hotline
Via telephone at +1 (902) 832-3425 or +43 2628 619 00
Via email to info@dr-software.com

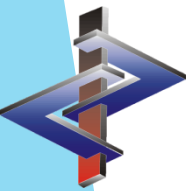


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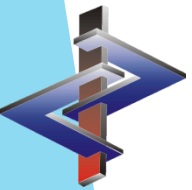
2. Flags

- a. Creating a Flag
- b. Flags in the SDS
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1. Flags

2. Flags

- a. C



1. Article Groups

- Article Groups are group names.
- These names and their corresponding phrases can be input in various languages. They can also be created via *General Description*, where this description and the phrases then apply for all languages for which no translation is entered.
- Article Groups aid in defining ranges of output in various *Printouts and queries*, as well as in various *Data output* programs.
- 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

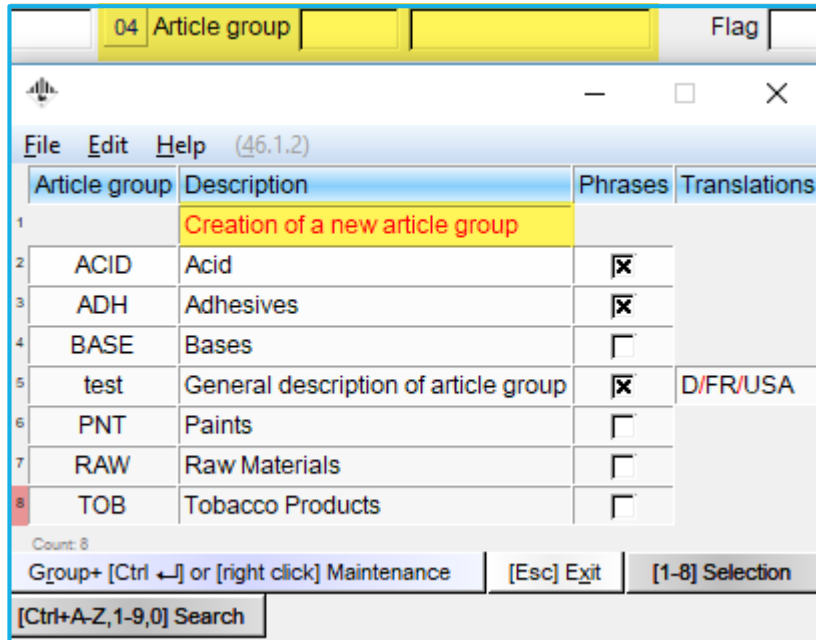
Group+ [Ctrl ←] or [right click] Maintenance | [Esc] Exit | [1-8] Selection

[Ctrl+A-Z,1-9,0] Search

Creating an Article Group

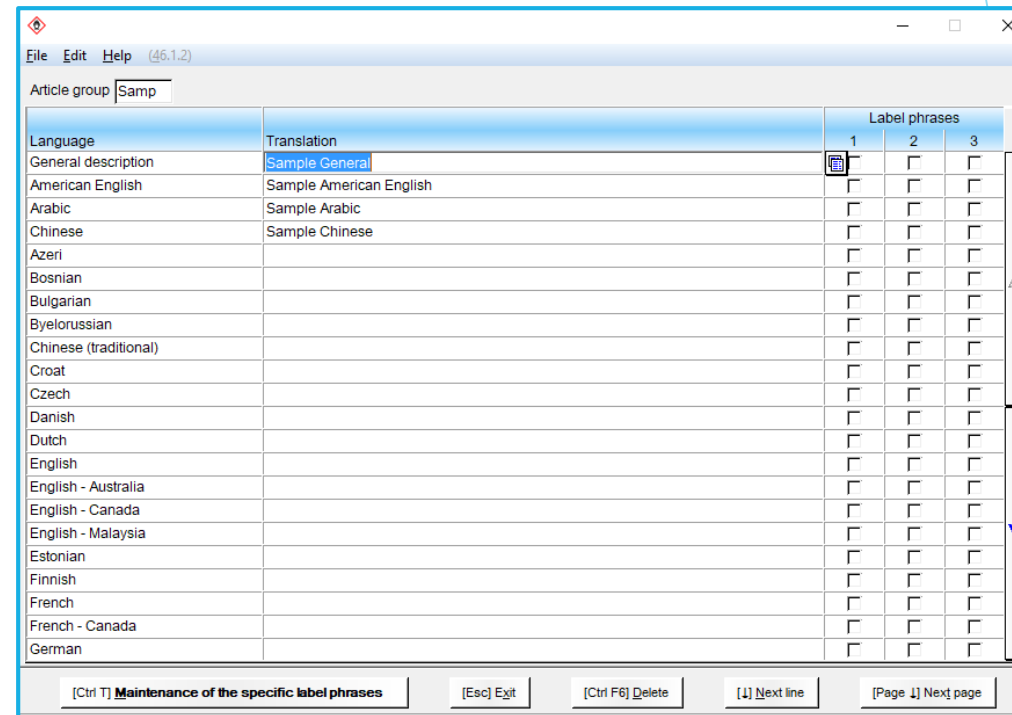
1. Click into the Article Group box and choose *Creation of a new article group*.

2. Enter an Abbreviation and a *General description* as well as descriptions in various languages.



Article group	Description	Phrases	Translations
	Creation of a new article group		
1			
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

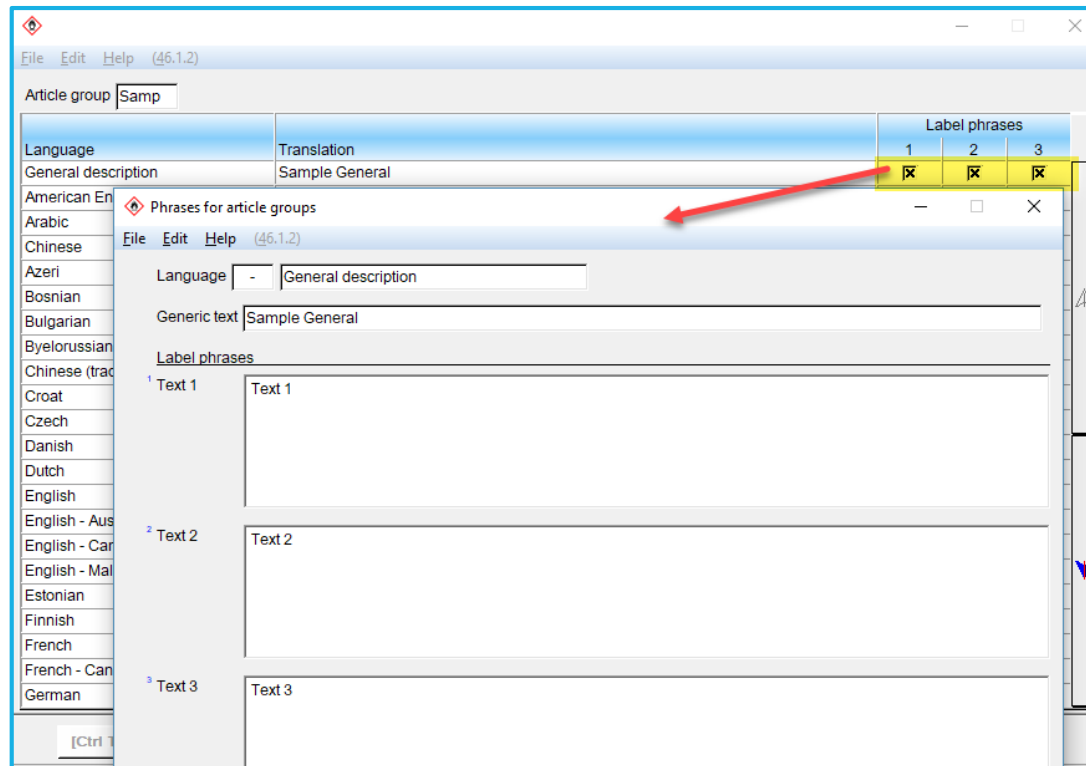


Language	Translation	Label phrases		
		1	2	3
General description	Sample General	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
American English	Sample American English	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arabic	Sample Arabic	<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"/>

[Ctrl T] Maintenance of the specific label phrases [Esc] Exit [Ctrl F6] Delete [1] Next line [Page ↓] Next page

Article Group Phrases

- For each article group, you can create phrases.
- These can be entered in translation along with the foreign language descriptions.
- In order to create them, just click into the label phrases boxes. For every phrase, you then have an ,x' in the *Label phrases* boxes, to indicate that a phrase exists.



Article Groups in the SDS

- You can use **Article Groups** as conditions for phrases for the SDS.
- You can assign 10 Article Groups as conditions.
- They are ,or' conditions.

Maintenance of phrases (American English)

File Edit Help (46.1.2)

Phrase 4.30 22 General information:

1 Example

2 Other phrase Standard phrase

04 Conditions

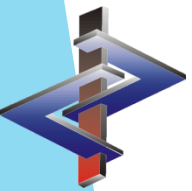
Translation not available for D/AR/ES/FR/NL/BUL/IT/KRO/GR/TS/DA/EST/UNG/CHT/IDN/HI/J/LT/LV/MAL/N/PT/POL/RO/KOR/RUS/S/SF/SK/SLO/SR/S

Article group: ADH Adhesives, RAW Raw Materials, test General description of article group

5 Default value for variables

Phrase was created by user

[←, Esc] Exit [Insert] Conditions [Alt F3] Alteration language [Ctrl F8] Searching for allocation of other phrases [Ctrl F10] Search for allocations [Ctrl F6] Delete [↓] Next record [Ctrl F7] Delete this translation [↑] Previous record



Article Groups on the Label

- Via *Additional Phrases* or *Variables*, you can output an Article Group or one of the 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.
- 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.

Additional phrases 3

File Edit Help (47.0.9)

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

[Esc] Exit [Ctrl F6] Delete [F4] Maintenance of Article group texts

Variable definition

File Edit Help (46.1.2)

Variable No.	Description	Allocation	Position in *		Font	Attributes
			Left	Right		
1	Batch Number	Product code	0.86	0.40	Arial	Justified left, 8 pt, 2
2	Product Code	No allocation	0.85	0.66	Arial	Justified left, 8 pt, 2

Variable definitions

File Edit Help (46.1.2)

Description Example

Sequence number 3

02 Allocation Description of the article group

Variable allocation

File Edit Help (46.1.2)

No allocation Sequential number Date Month/Year

Description

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

Barcode Barcode with transferred field

Flag

Article group Language according to the selection Description of the article group

Additional physical/chem

Flash point Boiling point

Form Color Odor

Water hazard class VbF

EU VOC in g/l EU VOC

Transport information

Health Flammability

Transferred field

Combined field

Calculated field

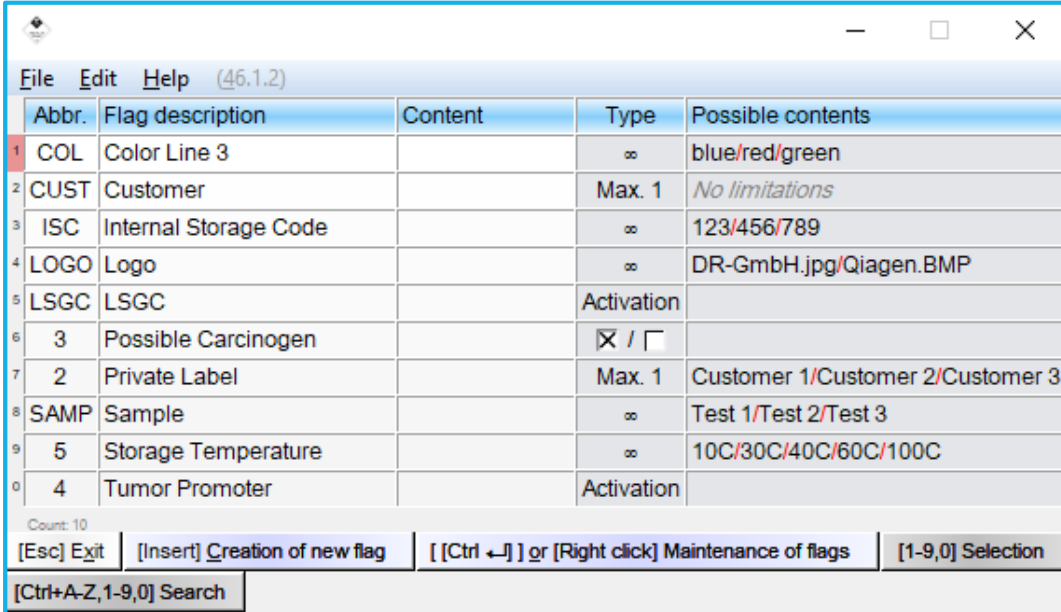
l - gal gal - L lb - kg kg - lb

"EC Label"

[Esc] Exit

2. Flags

- Flags are used for detailed groupings.
- They consist not only of the group name but also of sub-options for refinement (Colour: blue, red, yellow)
- Flags can be used for the various options under *Printouts and queries* and *Data Output*, as well as for information on product properties.
- Flags can be used on labels and SDSs.
- You can have up to 400 flags with 60 sub-options each.



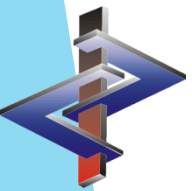
The screenshot shows a software window titled "46.1.2" with a menu bar (File, Edit, Help) and a table of flags. The table has five columns: Abbr., Flag description, Content, Type, and Possible contents. The first row is highlighted in red. Below the table, there is a status bar with "Count: 10" and several keyboard shortcuts.

Abbr.	Flag description	Content	Type	Possible contents
1 COL	Color Line 3		∞	blue/red/green
2 CUST	Customer		Max. 1	No limitations
3 ISC	Internal Storage Code		∞	123/456/789
4 LOGO	Logo		∞	DR-GmbH.jpg/Qiagen.BMP
5 LSGC	LSGC		Activation	
6 3	Possible Carcinogen		☒ / ☐	
7 2	Private Label		Max. 1	Customer 1/Customer 2/Customer 3
8 SAMP	Sample		∞	Test 1/Test 2/Test 3
9 5	Storage Temperature		∞	10C/30C/40C/60C/100C
0 4	Tumor Promoter		Activation	

Count: 10

[Esc] Exit [Insert] Creation of new flag [[Ctrl ←]] or [Right click] Maintenance of flags [1-9,0] Selection

[Ctrl+A-Z, 1-9,0] Search



Creating a Flag

1. After clicking into the field *Flag*, choose *Insert* to create a new Flag.
2. Enter the abbreviation and description.

Maintenance of flags

File Edit Help (46.1.2)

You are in the maintenance of flags. If you want to make the entries for

Flag

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

3. Choose the field type:

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.

Abbr.	Flag description	Content	Type	Possible contents
COL	Color Line 3		∞	blue/red/green
CUST	Customer		Max. 1	No limitations
ISC	Internal Storage Code		∞	123/456/789
LOGO	Logo		∞	DR-GmbH.jpg/Qiagen.BMP
LSGC	LSGC		Activation	
3	Possible Carcinogen		<input checked="" type="checkbox"/> / <input type="checkbox"/>	
2	Private Label		Max. 1	Customer 1/Customer 2/Customer 3
5	Storage Temperature		∞	10C/30C/40C/60C/100C
4	Tumor Promoter		Activation	

Count: 9

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

4. Enter the sub-options.

Maintenance of flags

File Edit Help (46.1.2)

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

Flag 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

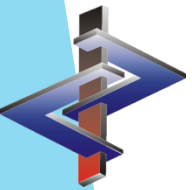
Test 1		
Test 2		
Test 3		

Flags in the SDS

- Flags can be conditions for the output of phrases.
- Due to the nature of flags, you can thus define a very exact output of phrases.
- If you choose more than one flag or more than one sub-option of flags, these are all treated as ,or' conditions.

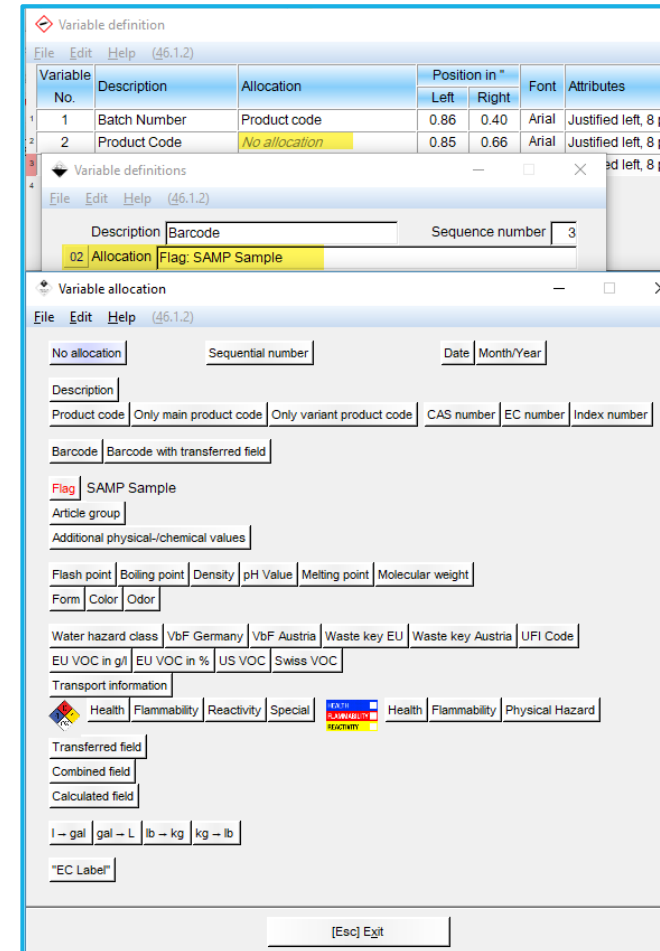
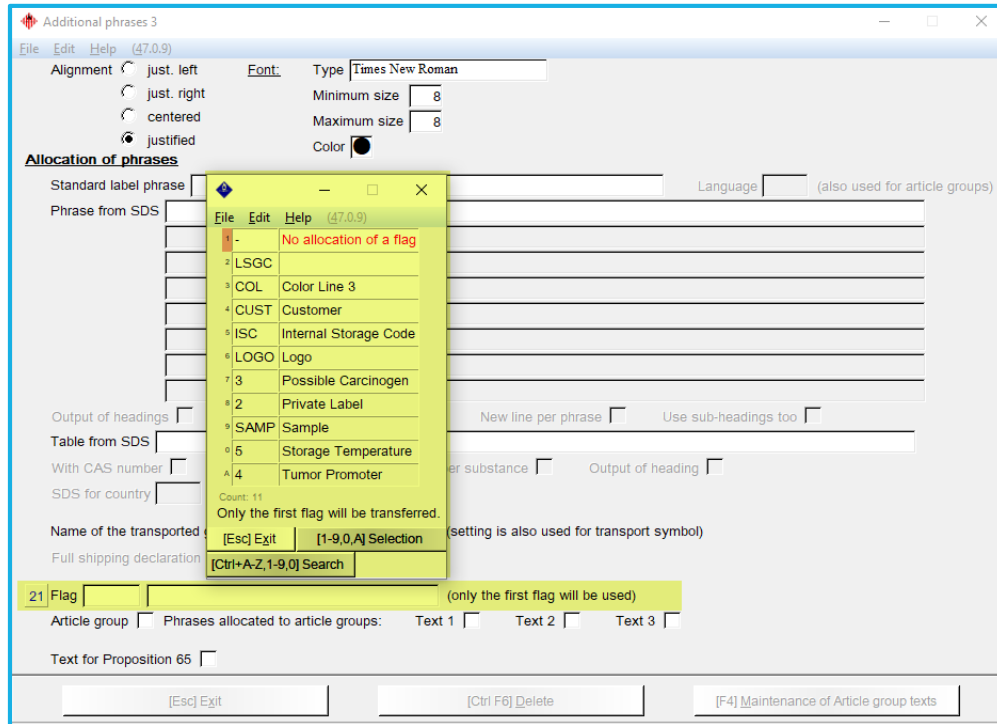
The screenshot displays the 'Maintenance of phrases (American English)' software interface. It features a main window with fields for 'Phrase' (4.30) and 'General information'. Below this is an 'Example' text area. A 'Conditions' dialog box is open, showing a list of flags with their descriptions, contents, and activation status. The 'Flags' tab is selected, and the 'Flags' section is highlighted in yellow. The 'Flags' section includes a warning: 'Translation not available for D/AR' and lists flags such as 'Color Line 3: blue/red/green', 'LSGC: ✓', and 'Internal Storage Code: 123/456'. The 'Conditions' dialog also shows a table of flags with columns for 'Abbr.', 'Flag description', 'Content', 'Type', and 'Possible contents'. The table lists flags like 'COL', 'ISC', 'LSGC', 'CUST', 'LOGO', '3', '2', 'SAMP', '5', and '4' with their respective descriptions and activation settings.

Abbr.	Flag description	Content	Type	Possible contents
COL	Color Line 3	blue/red/green	∞	blue/red/green
ISC	Internal Storage Code	123/456	∞	123/456/789
LSGC	LSGC	✓	Activation	
CUST	Customer		Max. 1	No limitations
LOGO	Logo		∞	DR-GmbH.jpg/Qiagen.BMP
3	Possible Carcinogen		<input checked="" type="checkbox"/> / <input type="checkbox"/>	
2	Private Label		Max. 1	Customer 1/Customer 2/Customer 3
SAMP	Sample		∞	Test 1/Test 2/Test 3
5	Storage Temperature		∞	10C/30C/40C/60C/100C
4	Tumor Promoter		Activation	



Flags on the Label

- Flags are output on the label via *Additional Phrases* or as *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. For translation, please make use of Article Groups.



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

@ www.dr-software.com Downloads

