

ChemGes – Update 02/2026

Version 64.0

Please note that this update contains extensive changes to the database.

For this reason, the update process will take a significant amount of time.

Please backup your program and data as usual before the update.

Let the update run completely and do not turn off your computer while the update is running, as this can lead to massive data loss.

Installation:

You can download the update either directly in ChemGes via the update symbol in the right upper corner of the basic screen, or via the following link:

<http://dr-software.com>

Please note, that your program must be at least Version 61.0 in order for your Update to be performed. Please contact our hotline if that is not the case.

To download the update, please either go to www.dr-software.com – *Downloads* – “**Update from version 61.0 or higher to version 64.0**” or click directly on the above stated link.

Save the file “32.zip” in your program directory for ChemGes (usually \chem) and unzip the file. Please make sure that the program is not in access. Afterwards you can start the update by double-clicking **chemges.exe**.

Should you need the update on USB stick, as a download is not possible for you, please also inform us by email (info@dr-software.com). We will be happy to arrange a shipment as soon as possible.

The following description contains all changes and improvements that have been implemented in ChemGes since Version 63.0.

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A. New functions – Display, import and printer

a) Display of GHS classifications

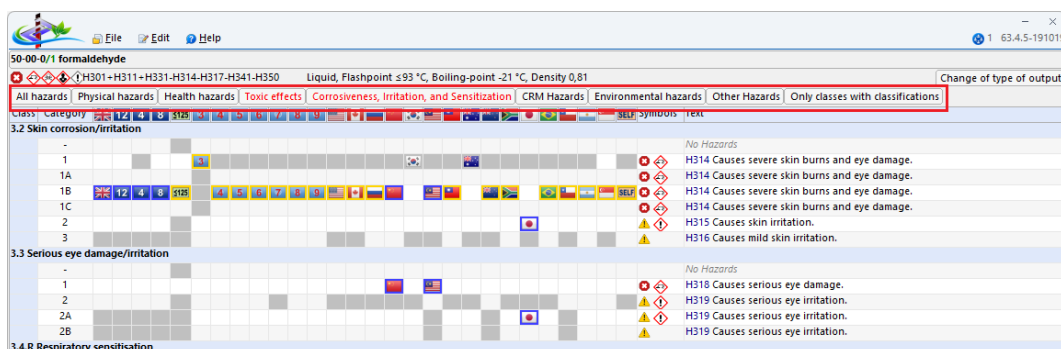
The display of GHS classifications has been revised to further improve readability and user-friendliness.

Item Allocation of Classes and H phrases:

Button All GHS areas – Complete overview:

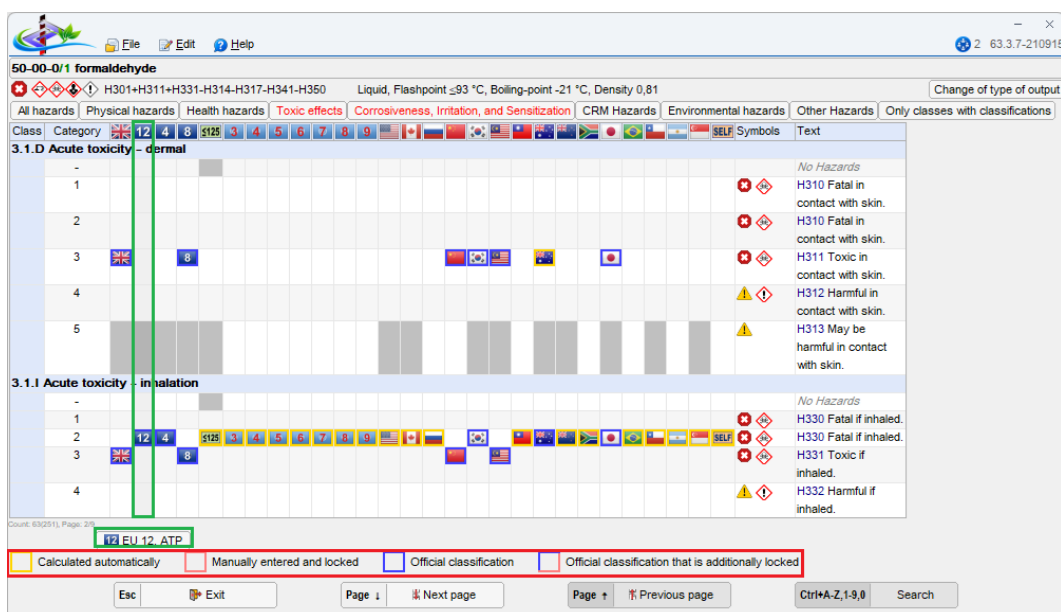
Using this option, all classes are shown in order, with their corresponding classifications for all GHS-systems.

In the screen GHS Classification, you can use the button **All GHS areas – Complete overview** to display all hazard classes and filter by one or more hazard areas by clicking the corresponding tab. Selected areas are highlighted in red:



When you hover the mouse over a column, the selected GHS system is highlighted and displayed in the lower section of the screen (green marking in the picture below).

The colour codes of the classifications are explained at the bottom of the screen (see the red marking in the picture below). Official classifications that have been manually modified are now marked accordingly, just like locked official classifications.



Button Sorted by H phrases, numbers only:

This option displays the H phrases (yellow marking) for one country at a time.



50-00-0/1 formaldehyde

GHS type: Great Britain (click to change) H301+H311+H331-H314-H317-H341-H350

Change of type of output

Explosives

2.1	Unst. Expl.	U	H200	Unstable explosives.
	Expl.	1.1	H201	Explosive; mass explosion hazard.
		1.2	H202	Explosive, severe projection hazard.
		1.3	H203	Explosive; fire, blast or projection hazard.
		1.4	H204	Fire or projection hazard.
		1.5	H205	May mass explode in fire.
		1.6	-	

Flammable liquids*

2.6*	Flam. Liq.	1	H224	Extremely flammable liquid and vapour.
		2	H225	Highly flammable liquid and vapour.
		3	H226	Flammable liquid and vapour.

Self-reactive substances and mixtures

2.8	Self-react.	A	H240	Heating may cause an explosion.
		B	H241	Heating may cause a fire or explosion.
		C	H242	Heating may cause a fire.
		D	H242	Heating may cause a fire.
		E	H242	Heating may cause a fire.
		F	H242	Heating may cause a fire.
		G	-	

Pyrophoric liquids

Count: 164, Page: 1/10

Active classification | Official classification | Class with official classification

* Other GHS types also have an official classification

Please move the mouse over this field to get further information.

Esc | Exit | Page 1 | Next page | Ctrl+A-Z,1-9,0 | Search

Item Allocation of P phrases:

Allocation of P phrases

²P101 ☒ ³P102 ☒ ⁴P103 ☒

Grouped by type of P phrase

Combined Types of P phrases

Prevention | Reaction | Storage | Disposal

⁵ Do not remove duplicates from locked P phrases and always output all of them ☐

By means of the items **P101**, **P102** and/or **P103** you can define, whether the statements for products that are available to the general public shall be output.

Please consider: This item is only active, if you have activated the item **Purpose – Public in the Physical Data** screen.

Notes:

If you hover the mouse over a line, ChemGes displays the contained information in full text.

Selection of P-phrases (Prevention)

50-00-0/1 formaldehyde

Response | Storage | Disposal

GHS area	Used P phrases	Omitted P phrases
Great Britain	P260h	P201-P202-P261-P264a-P270-P271-P272-P280g-P280h-P280i
EU 12, ATP	P260h	P201-P202-P260-P261-P264a-P270-P271-P272-P280g-P280i-P284
EU 4, ATP	P260h	P201-P202-P260-P261-P264a-P270-P271-P272-P280g-P280i-P284
EU 8, ATP	P260h	P201-P202-P261-P264a-P270-P271-P272-P280g-P280h-P280i
Packages ≤125 ml	P260h	P201-P202-P260-P261-P264a-P270-P271-P272-P280g-P280i-P284
UN Rev. 3	P260h : Do not breathe dusts or mists.	
UN Rev. 4	P210e	P201 : Obtain special instructions before use.
UN Rev. 5	P210	P202 : Do not handle until all safety precautions have been read and understood.
UN Rev. 6	P210	P260 : Do not breathe dust/fume/gas/mist/vapours/spray.
UN Rev. 7	P210	P261 : Avoid breathing dust/fume/gas/mist/vapours/spray.
UN Rev. 8	P210-P260h-P284	P264a : Wash thoroughly after handling.
UN Rev. 9	P210-P260h-P284	P270 : Do not eat, drink or smoke when using this product.
USA	P201-P202-P210u-P260u-P264a-P270-P271-P272-P280g-P280i-P284	P271 : Use only outdoors or in a well-ventilated area.
Canada	P201-P202-P210-P260h-P264a-P270-P271-P272-P280g-P280i-P284	P272 : Contaminated work clothing should not be allowed out of the workplace.
		P280g : Wear protective gloves.
		P280i : Wear protective gloves/protective clothing/eye protection/face protection.
		P284 : [In case of inadequate ventilation] wear respiratory protection.

By selecting a field, you can retrieve the overview of available phrases, which you can select and deselect by clicking.

Selection of P-phrases (Prevention)

P201	P220	P220a	P332	P241d	P260b	P261c	P264b	P270	P280i	P299b
P202	P220a	P220v	P333	P241e	P260c	P261d	P264b+P265	P271	P280j	P299e
P203	P220b	P221	P334	P242	P260d	P261e	P264c	P272	P280k	P299f
P210	P220c	P222	P335	P243	P260e	P261ff	P264c+P265	P273	P280l	P299g
P210a	P220d	P223	P235+P410	P244	P260f	P261g	P264d	P280	P281	P299j
P210b	P220e	P230	P236	P250	P260g	P261u	P264d+P265	P280a	P281u	P299k
P210c	P220f	P230a	P240	P250a	P260h	P261v	P264e	P280b	P282	P299l
P210d	P220g	P231	P240a	P250b	P260u	P262	P264e+P265	P280c	P283	
P210e	P220h	P231+P232	P240b	P250c	P260v	P263	P264f	P280d	P284	
P210u	P220i	P231a	P241	P250d	P260w	P264	P264f+P265	P280e	P284a	
P210v	P220j	P231a+P232	P241a	P251	P261	P264g+P265	P264g	P280f	P284b	
P211	P220k	P231b	P241b	P260	P261a	P264a	P264g+P265	P280g	P285	
P212	P220l	P231b+P232	P241c	P260a	P261b	P264a+P265	P265	P280h	P299e	

Via F1 you can see the overview of P-phrases **with the complete text**:

The screenshot displays the 'Selection of P-phrases (Prevention)' window. The main area contains a list of 22 P-phrases, each with a description of the hazard prevention measure. The list is as follows:

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P203 Obtain, read and follow all safety instructions before use.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P210a Keep away from heat. - No smoking.
- P210b Keep away from sparks. - No smoking.
- P210c Keep away from open flames. - No smoking.
- P210d Keep away from hot surfaces. - No smoking.
- P210e Keep away from flames and hot surfaces. No smoking.
- P210u Keep away from flames and hot surfaces. - No smoking.
- P210v Keep away from heat.
- P211 Do not spray on an open flame or other ignition source.
- P212 Avoid heating under confinement or reduction of the desensitising agent.
- P220 Keep away from clothing and other combustible materials.
- P220a Keep away from clothing.
- P220b Keep away from combustible materials.
- P220c Keep away from reducing agents, heavy metal compounds, acids and alkalis.
- P220d Keep away from oxidising and acidic substances, as well as heavy metal compounds.
- P220e Keep away from iron.
- P220f Keep away from water.
- P220g Keep away from acids.
- P220h Keep away from alkaline solutions.
- P220i Keep away from metals.
- P220j Keep away from oxidising agents and acidic substances.
- P220k Keep away from flammable organic substances.
- P220l Keep away from acids, reducing agents and flammable materials.
- P220u Keep/Store away from clothing and other combustible materials

The interface includes a menu bar (File, Edit, Help), a status bar at the bottom (Esc, Exit, F1, Display of numbers only, Ctrl F8, Copy for all types, Page 1, Next page, Ctrl+A-Z, 1-9, Search), and a sidebar on the left with a tree view showing 'P-phrases' and 'H-phrases'.

For all buttons introduced below you can retrieve an overview list of the texts by means of **F9** **Texts** after selecting the requested phrase type. This list also displays for which GHS -systems each phrase is available.

Sample – Button Prevention:

Selection of P-phrases (Prevention)

1.000 1234567890

Response Store

File Edit Help

1.000 1234567890 Resin solution X 50

GHS area

Great Britain

EU 12. ATP

EU 4. ATP

EU 8. ATP

999 Packages <125

UN Rev. 3

UN Rev. 4

UN Rev. 5

UN Rev. 6

UN Rev. 7

UN Rev. 8

UN Rev. 9

F9 Texts

CritA-Z:1,9,0 See

Source: 54, Page: 1/5

Page 1

Next page

CritA-Z:1,9,0

Search

Malaysia

SELF If medical advice is needed, have product container or label at hand.

SELF Keep out of reach of children.

SELF Read carefully and follow all instructions.

SELF Obtain special instructions before use.

SELF Do not handle until all safety precautions have been read and understood.

SELF Obtain, read and follow all safety instructions before use.

SELF Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

SELF Keep container tightly closed.

SELF Ground and bond container and receiving equipment.

SELF Use explosion-proof [electrical/ventilating/lighting] equipment.

SELF Use non-sparking tools.

SELF Take action to prevent static discharges.

SELF Do not breathe dust/fume/gas/mist/vapours/spray.

SELF Do not breathe dusts or mists.

SELF Avoid breathing dust/fume/gas/mist/vapours/spray.

SELF Wash thoroughly after handling.

SELF Wash thoroughly after handling. Do not touch eyes.

SELF Do not eat, drink or smoke when using this product.

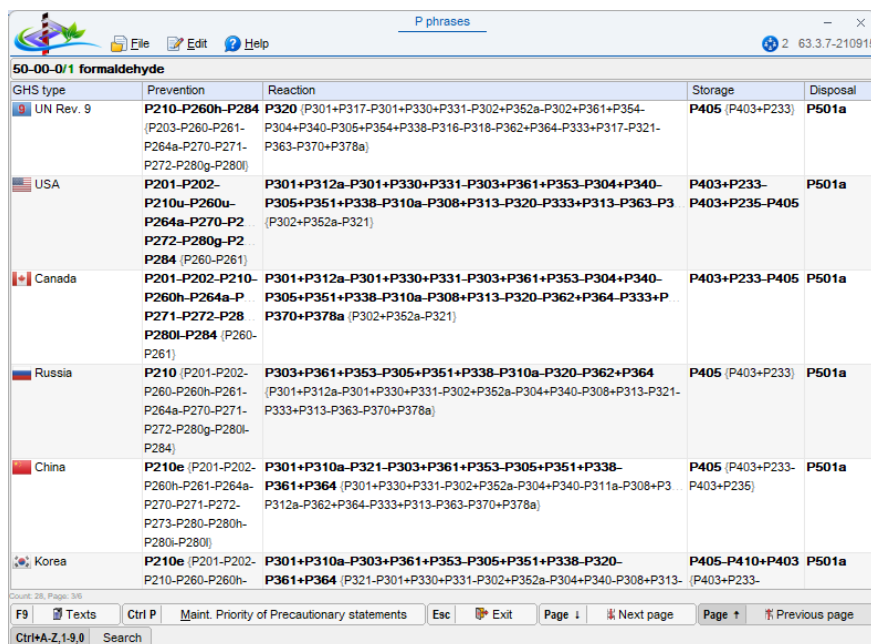
SELF Use only outdoors or in a well-ventilated area.

SELF Contaminated work clothing should not be allowed out of the workplace.

SELF Avoid release to the environment.

Button Grouped by type of P phrase:

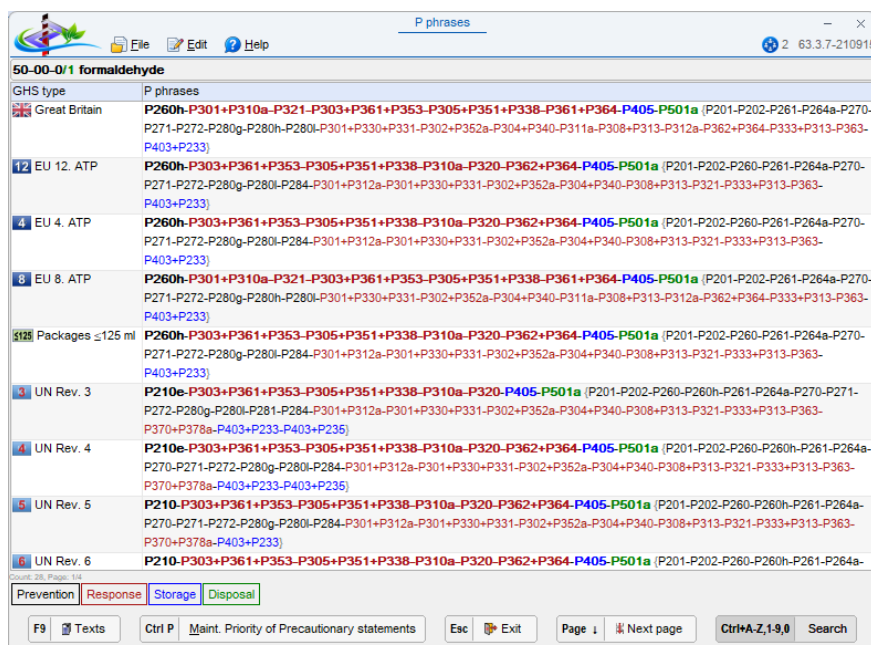
This enables you to display all P phrases, separated by the types *Prevention*, *Response*, *Storage* and *Disposal*) for each country:



GHS type	Prevention	Reaction	Storage	Disposal
UN Rev. 9	P210-P260h-P284 (P203-P260-P261-P264a-P270-P271-P272-P280g-P280l)	P320 (P301+P317-P301+P330+P331-P302+P352a-P302+P361+P364-P304+P340-P305+P354+P338-P316-P318-P362+P364-P333+P317-P321-P363-P370+P378a)	P405 (P403+P233)	P501a
USA	P201-P202-P210u-P260u-P264a-P270-P272-P280g-P284 (P260-P261)	P301+P312a-P301+P330+P331-P303+P361+P353-P304+P340-P305+P351+P338-P310a-P308+P313-P320-P333+P313-P363-P3 (P302+P352a-P321)	P403+P233-P403+P235-P405	P501a
Canada	P201-P202-P210-P260h-P264a-P271-P272-P28 P280l-P284 (P260-P261)	P301+P312a-P301+P330+P331-P303+P361+P353-P304+P340-P305+P351+P338-P310a-P308+P313-P320-P362+P364-P333+P P370+P378a (P302+P352a-P321)	P403+P233-P405	P501a
Russia	P210 (P201-P202-P260-P260h-P261-P264a-P270-P271-P272-P280g-P280l-P284)	P303+P361+P353-P305+P351+P338-P310a-P320-P362+P364 (P301+P312a-P301+P330+P331-P302+P352a-P304+P340-P308+P313-P321-P333+P313-P363-P370+P378a)	P405 (P403+P233)	P501a
China	P210e (P201-P202-P260h-P261-P264a-P270-P271-P272-P273-P280-P280h-P280l-P280l)	P301+P310a-P321-P303+P361+P353-P305+P351+P338-P361+P364 (P301+P330+P331-P302+P352a-P304+P340-P311a-P308+P312a-P362+P364-P333+P313-P363-P370+P378a)	P405 (P403+P233-P403+P235)	P501a
Korea	P210e (P201-P202-P210-P260-P260h-P261-P264a-P270-P271-P272-P280g-P280l-P280l)	P301+P310a-P303+P361+P353-P305+P351+P338-P320-P361+P364 (P321-P301+P330+P331-P302+P352a-P304+P340-P308+P313-P333+P313-P363-P370+P378a)	P405-P410+P403 (P403+P233)	P501a

Button Combined types of P phrases:

This enables you to display all P phrases for each country separately. The types *Prevention*, *Response*, *Storage* and *Disposal*) are indicated in differing colours:

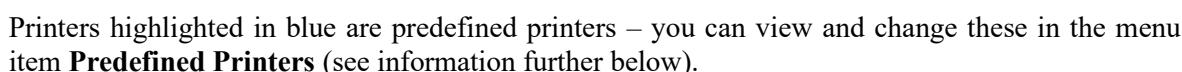


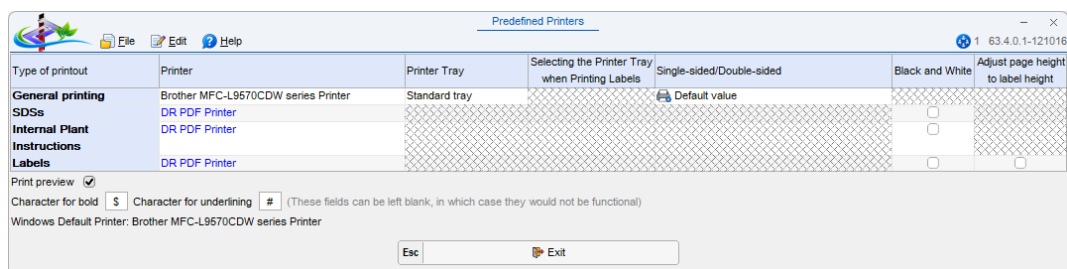
GHS type	P phrases
Great Britain	P260h-P301+P310a-P321-P303+P361+P353-P305+P351+P338-P361+P364-P405-P501a (P201-P202-P261-P264a-P270-P271-P272-P280g-P280h-P280l-P301+P330+P331-P302+P352a-P304+P340-P311a-P308+P313-P312a-P362+P364-P333+P313-P363-P403+P233)
EU 12. ATP	P260h-P303+P361+P353-P305+P351+P338-P310a-P320-P362+P364-P405-P501a (P201-P202-P260-P261-P264a-P270-P271-P272-P280g-P280h-P284-P301+P312a-P301+P330+P331-P302+P352a-P304+P340-P308+P313-P321-P333+P313-P363-P403+P233)
EU 4. ATP	P260h-P303+P361+P353-P305+P351+P338-P310a-P320-P362+P364-P405-P501a (P201-P202-P260-P261-P264a-P270-P271-P272-P280g-P280h-P284-P301+P312a-P301+P330+P331-P302+P352a-P304+P340-P308+P313-P321-P333+P313-P363-P403+P233)
EU 8. ATP	P260h-P301+P310a-P321-P303+P361+P353-P305+P351+P338-P361+P364-P405-P501a (P201-P202-P261-P264a-P270-P271-P272-P280g-P280h-P280l-P301+P330+P331-P302+P352a-P304+P340-P311a-P308+P313-P312a-P362+P364-P333+P313-P363-P403+P233)
Packages ≤125 ml	P260h-P303+P361+P353-P305+P351+P338-P310a-P320-P362+P364-P405-P501a (P201-P202-P260-P261-P264a-P270-P271-P272-P280g-P280h-P284-P301+P312a-P301+P330+P331-P302+P352a-P304+P340-P308+P313-P321-P333+P313-P363-P403+P233)
UN Rev. 3	P210e-P303+P361+P353-P305+P351+P338-P310a-P320-P405-P501a (P201-P202-P260-P260h-P261-P264a-P270-P271-P272-P280g-P280l-P281-P284-P301+P312a-P301+P330+P331-P302+P352a-P304+P340-P308+P313-P321-P333+P313-P363-P370+P378a-P403+P233-P403+P235)
UN Rev. 4	P210e-P303+P361+P353-P305+P351+P338-P310a-P320-P362+P364-P405-P501a (P201-P202-P260-P260h-P261-P264a-P270-P271-P272-P280g-P280l-P284-P301+P312a-P301+P330+P331-P302+P352a-P304+P340-P308+P313-P321-P333+P313-P363-P370+P378a-P403+P233-P403+P235)
UN Rev. 5	P210-P303+P361+P353-P305+P351+P338-P310a-P320-P362+P364-P405-P501a (P201-P202-P260-P260h-P261-P264a-P270-P271-P272-P280g-P280l-P284-P301+P312a-P301+P330+P331-P302+P352a-P304+P340-P308+P313-P321-P333+P313-P363-P370+P378a-P403+P233)
UN Rev. 6	P210-P303+P361+P353-P305+P351+P338-P310a-P320-P362+P364-P405-P501a (P201-P202-P260-P260h-P261-P264a-P270-P271-P272-P280g-P280l-P284-P301+P312a-P301+P330+P331-P302+P352a-P304+P340-P308+P313-P321-P333+P313-P363-P370+P378a-P403+P233)

Buttons Prevention, Reaction, Storage and Disposal:

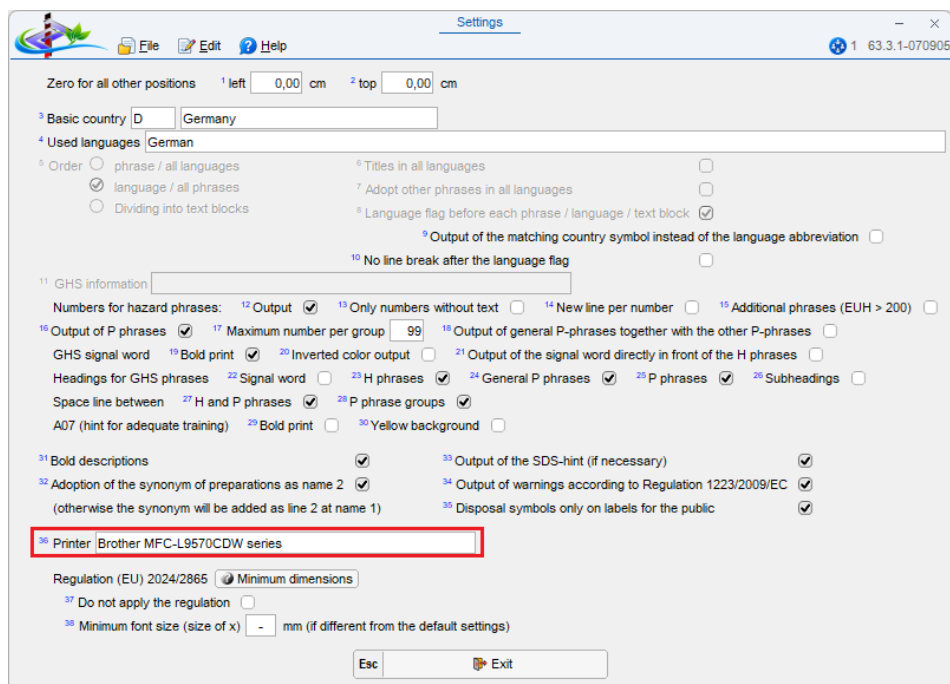
Via the buttons **Prevention**, **Reaction**, **Storage** and **Disposal** you can select the requested phrase type (for example, **Prevention**) and display the used and omitted P-phrases individually for each country.

Via the button **Printer selection** in the basic screen of ChemGes, you can now select printers for *Standard printouts*, *Safety Data Sheets*, *Labels* and *Internal Plant Instructions*.



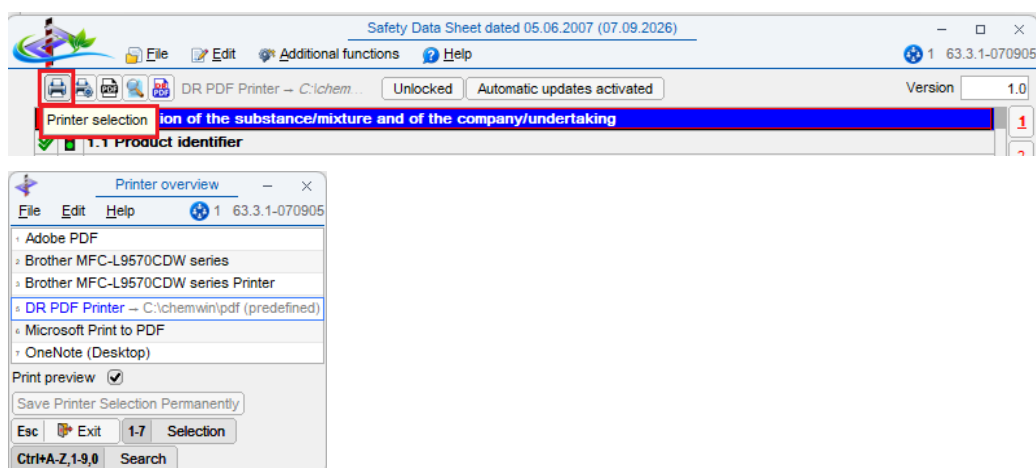


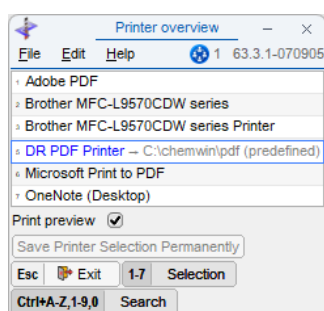
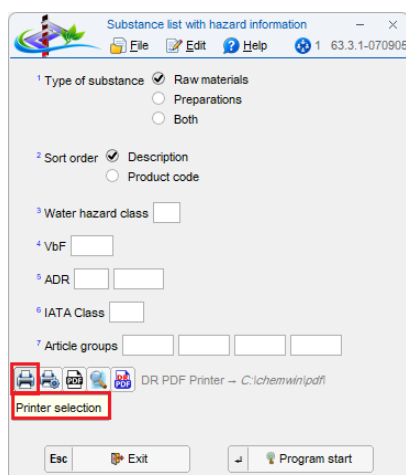
Note: Printers that are directly selected in the label template settings (see next picture) take precedence over the selected printers in this screen.



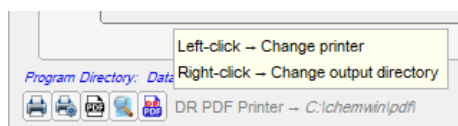
The **Printer selection** is available in all screens that support print jobs:

Example – SDS editing screen:

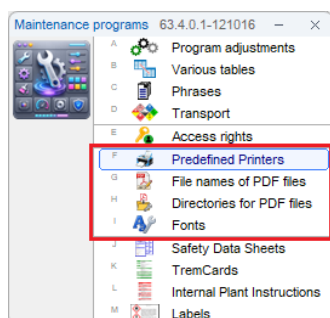
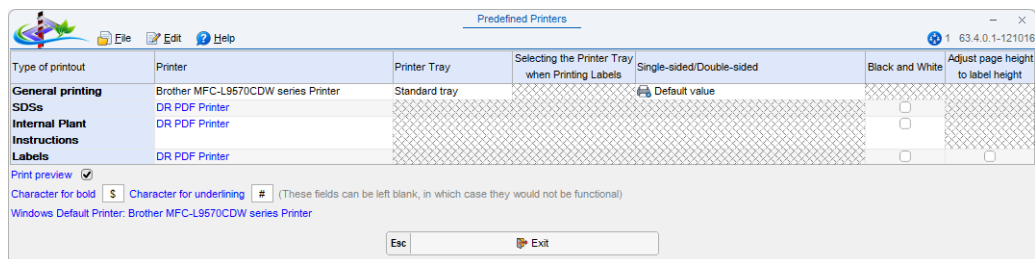


Example – Standard printouts

Note: You can also change the printer directly by left-clicking, or change the output directory by right-clicking:



The screen **Printer settings** has been divided into the following menu items to improve clarity:

Menu item **Predefined printers:**

This screen contains the settings for predefined printers.

You can select the desired printer by clicking on it. In addition, you can define the **printer tray** and the print type (**Single-sided/Double-sided**). When set to **Single-sided/Double-sided – Default value**, the standard setting of the selected printer is used. For colour printers, you can also set here whether printing should be done in **black and white** only.

When selecting a special format for the Label it is often necessary to activate the item **Adjust page height to label height**. Please note that not all printers adopt the Label dimensions entered in the menu item **Special formats for the Labels** (*Maintenance programs – Labels*).

If the option **Selecting the printer tray when printing labels** is activated, you will always be prompted to choose which printer tray to use before the label is printed.

Nota Bene: All of these settings are computer-specific, this means that in network versions these settings are stored for each client computer. So, each user can perform his or her own settings.

The lower section of the screen contains the option to activate the **print preview**, as well as two fields for entering the control characters for **bold text** (default value: \$) and **underlining text** (default value: #). At the very bottom, ChemGes also displays the currently selected Windows default printer.

Menu item **File names of PDF files:**

	Safety Data Sheets	Labels	Internal Plant Instructions
Fixed text 1	sd	ET	IP
Variable text 1	Product code	Product code	Product code
Fixed text 2	--	--	--
Variable text 2	Description	Description	Description
Fixed text 3	_ (	_ (	_ (
Variable text 3	Country (Abbreviation)	Base country	
Fixed text 4	)	)	
Variable text 4			
Fixed text 5			
Variable text 5			
Fixed text 6			
Variable text 6			
Fixed text 7			
Variable text 7			
Fixed text 8			
Variable text 8			
Fixed text 9			
Variable text 9			
Fixed text 10			
Examples	sdA714-3_-_Aqua_Test_Kit_(GB)	ETA714-3_-_Aqua_Test_Kit_(GB)	IPA714-3_-_Aqua_Test_Kit_(I)

Count: 20

Replacement characters for characters that are not permitted in file names ☐

Replace spaces and other special characters as well, if they could be used by the printer ☐

Esc Exit Ctrl+A-Z,1-9,0 Search

Here you can select up to 10 fixed and up to 9 variable texts in any order. In addition, you can predefine the file names for **Internal Plant Instructions**.

The following options are available for **variable texts**:

Count: 12

Esc Exit 1-9,0,A,B Selection

Menu item **Directories for PDF files:**

PDF printer	Type of printout	Same as for general Prints	Output directory	Country		Language		Article group	
				Code	Description	Code	Description	Code	Description
DR PDF Printer	General printing	☒	C:\chemwin\pdf	☐	☐	☐	☐	☐	☐
	SDSs	☒	C:\chemwin\pdf	☐	☐	☐	☐	☐	☐
	Internal Plant Instructions	☒	C:\chemwin\pdf	☐	☐	☐	☐	☐	☐
	Labels	☒	C:\chemwin\pdf	☐	☐	☐	☐	☐	☐
Different PDF Printer									

Here you can individually define the respective **output directory** for PDF files for *General prints*, *SDSs*, *Internal Plant Instructions*, and *Labels*. You can also determine whether to use the **country**, the **language**, and/or the **article group** (each as a *Code* and/or *Description*) for the automatic creation of subdirectories (e.g., ...\\Directory\Germany\German\17 Article group text).

Nota Bene: All of these settings are user-specific, this means that in network versions these settings are stored for each client computer. So, each user can perform his or her own settings.

Example:

PDF printer	Type of printout	Same as for general Prints	Output directory	Country		Language		Article group	
				Code	Description	Code	Description	Code	Description
DR PDF Printer	General printing	☐	C:\chemwin\pdf	☒	☐	☒	☐	☒	☒
	SDSs	☐	C:\Dateien\PDF	☐	☐	☒	☐	☐	☐
	Internal Plant Instructions	☐	N:\	☐	☐	☒	☐	☐	☐
	Labels	☒	C:\chemwin\pdf	☒	☐	☒	☐	☐	☐
Different PDF Printer			N:\PDF for email						

The directories selected here are also displayed in the temporary printer selection in the main screen (see picture below):

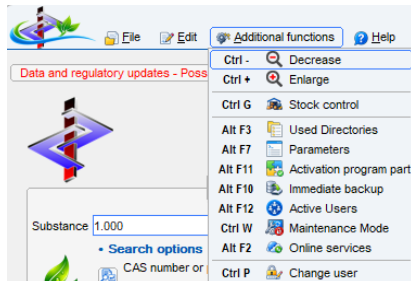
Standard printouts	Safety Data Sheets	Labels	Internal Plant Instructions
Adobe PDF	Adobe PDF	Adobe PDF	Adobe PDF
Brother MFC-L9570CDW series	Brother MFC-L9570CDW series	Brother MFC-L9570CDW series	Brother MFC-L9570CDW series
Brother MFC-L9570CDW series Printer	Brother MFC-L9570CDW series Printer	Brother MFC-L9570CDW series Printer	Brother MFC-L9570CDW series Printer
DocuWare Printer	DocuWare Printer	DocuWare Printer	DocuWare Printer
DR PDF Printer	DR PDF Printer	DR PDF Printer	DR PDF Printer
→ C:\chemwin\pdf\	→ C:\Dateien\PDF\Country\Language\Article group\	→ C:\chemwin\pdf\Country\Language\	→ N:\Language\
Microsoft Print to PDF	Microsoft Print to PDF	Microsoft Print to PDF	Microsoft Print to PDF
OneNote (Desktop)	OneNote (Desktop)	OneNote (Desktop)	OneNote (Desktop)

Print preview ☒ Alterations to the selected printers are retained only till the program ends.
 Printers predefined in the label template settings take precedence over this selection.
 predefined
 Windows Default Printer: Brother MFC-L9570CDW series Printer

Menu item **Fonts:**

This screen enables you to comfortably check selected fonts, to define up to 9 own standard fonts and to activate special fonts (Unicode fonts).

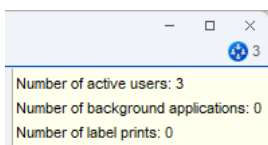
The drop-down menu *Additional functions* was expanded with the new item Alt F12 **Active Users**:



This function is especially helpful for updates when you need to know which users are currently accessing ChemGes. The screen also provides further information, such as which substance a user currently has open.

[illegible]

You can also display this as short information via the symbol  in the right upper corner:

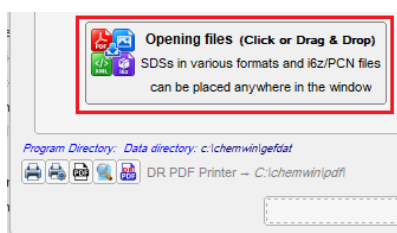


You can switch to the *Maintenance mode* either via the button in the overview screen, or via

[Ctrl] [W] Maintenance mode in *Additional functions*.

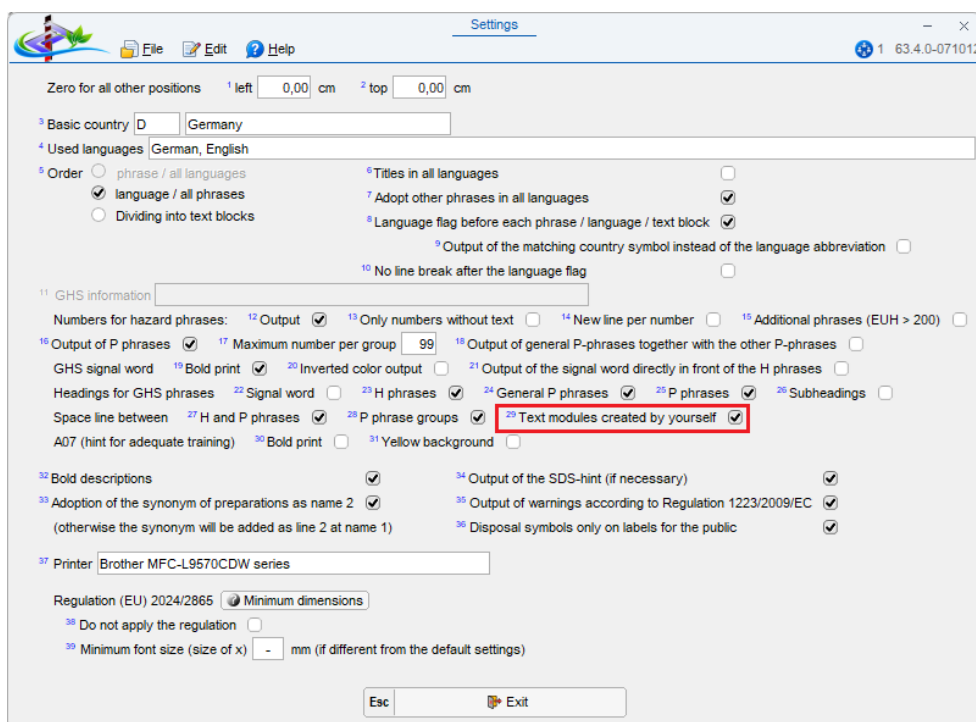
d) Importing Files

You can now import not only PDF files, but also common graphic formats (PNG, JPG, GIF, WebP) and XML files.



e) Label templates - Settings

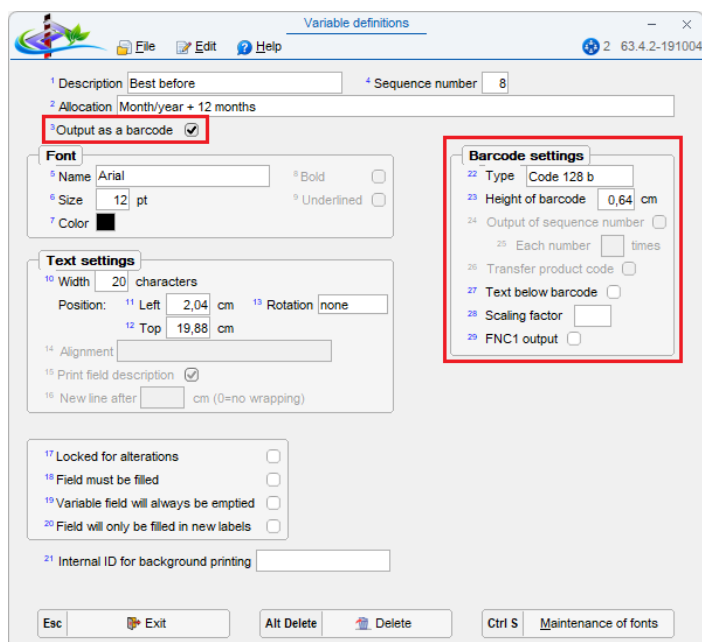
The screen *Settings* (*Maintenance programs – Labels – Label templates*) was expanded as follows:



The new option serves to define the output of a *space line* between **Text modules created by yourself**.

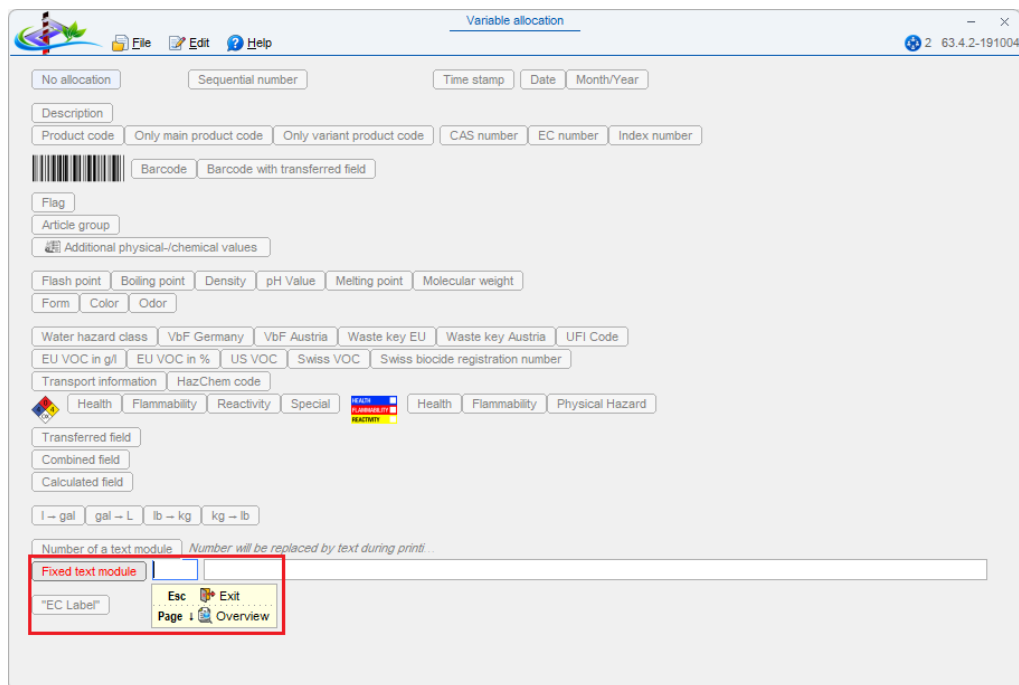
f) Label templates - Variables

For each defined variable, you can specify that it should be output as a barcode only by using the new **Output as a barcode** option (*Maintenance programs – Labels – Label templates – Additional variables*):

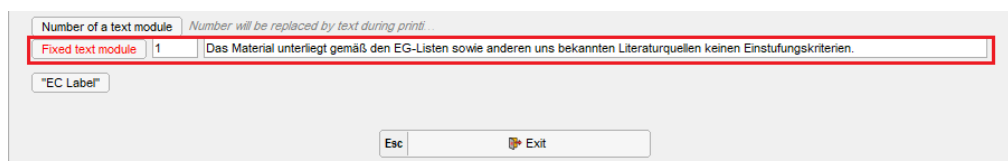
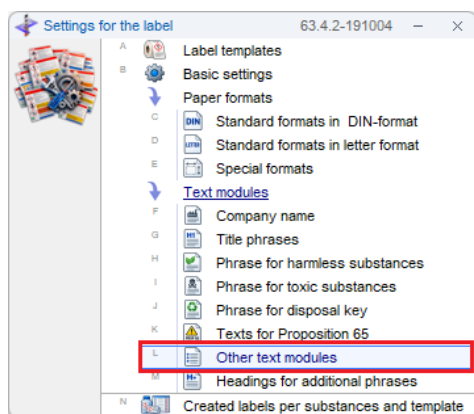


In addition, you can now define a fixed text as the output for variables:

(*Maintenance programs – Labels – Label templates – Additional variables, field Allocation*)

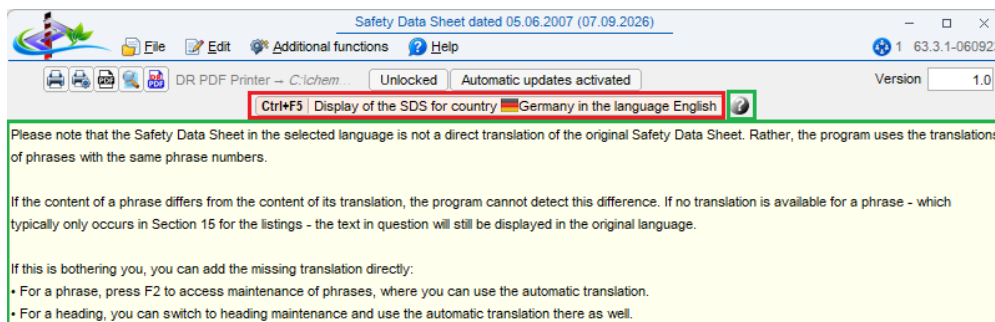


Here, you can select all texts that have been created under **Other text modules**:



B. New functions for the SDS

a) Display of the SDS in the country language and alteration of date



The new button **Ctrl F5 Display of the SDS for country xy in the language English** enables you to display the texts of your SDSs in your own country language.

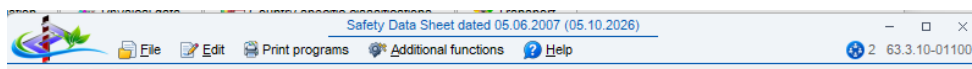
Note:

Independent of this, the company-specific phrases (1.40.10, 1.40.20, 1.40.30, 16.30 und 16.40) are always displayed in the country language.

By pressing **Alt F9 Translate untranslated texts** you can automatically translate all missing texts into your own language for display on screen. Please note that these texts are only translated for on-screen display.

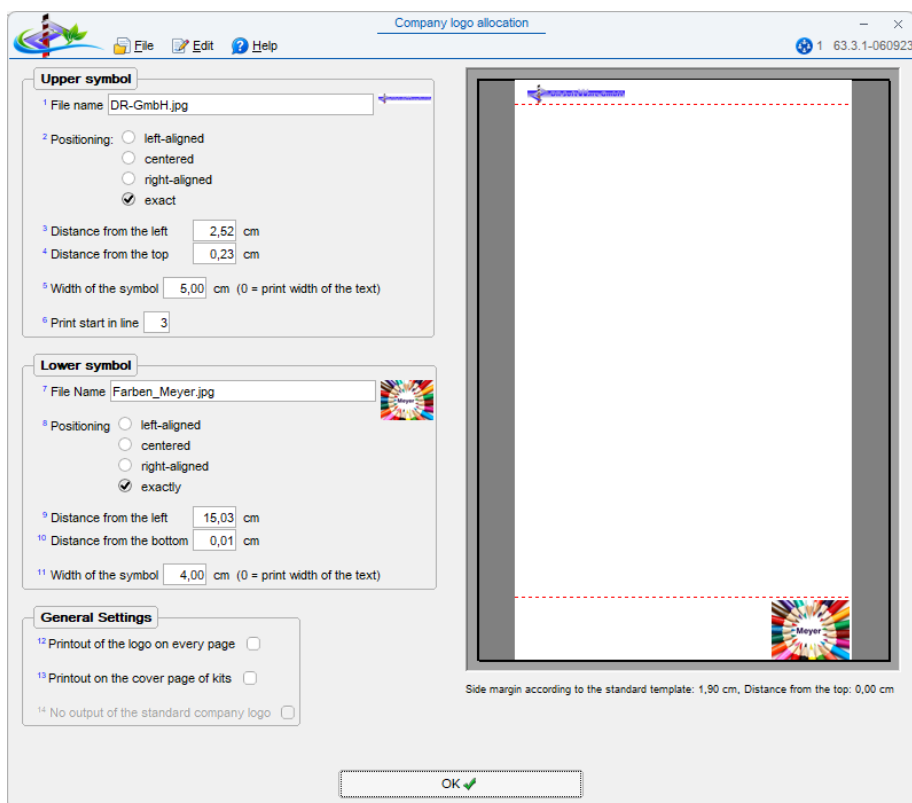
Further information on the translation can be obtained by hovering the mouse over the symbol .

Furthermore, you can now also change the date by clicking on the SDS title (alternatively, this is still possible via **Ctrl F8 Date**).



b) Allocation of company logos

You can now define an upper and a lower company logo for the output in the SDS in the screen **General company logo** (*Maintenance programs – Safety Data Sheets – Other settings – General company logo*).



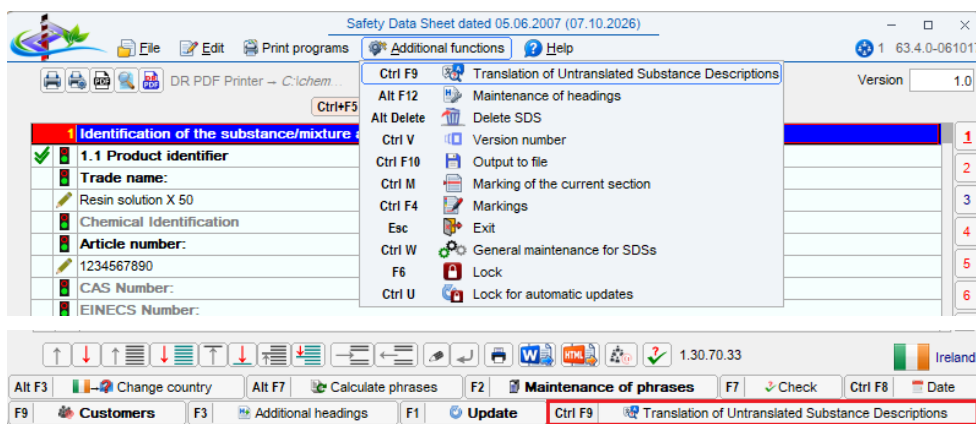
The upper symbol is intended for the header, while the lower symbol can be used as a footer. Both graphics can be selected, positioned, and resized separately.

The lower symbol automatically determines where the text area ends. A minimum margin of approximately half a line from the text area is maintained above the lower graphic.

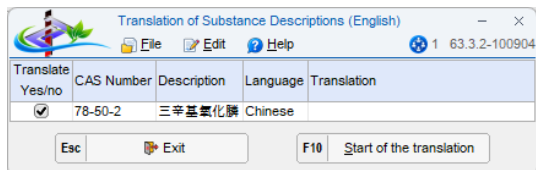
For the upper symbol, you can still define the beginning of the text area by means of **Print start in line**. This value can be checked automatically. When you close the screen, ChemGes checks for vertical overlap between the bottom edge of the upper symbol and the beginning of the text area and adjusts the value in **Print start in line** accordingly, if necessary.

c) Translation of untranslated substance descriptions

The new function **Translation of untranslated substance descriptions** in *Additional functions* resp. the button **Ctrl F9** in the SDS editing screen enables the direct translation of untranslated substance descriptions:



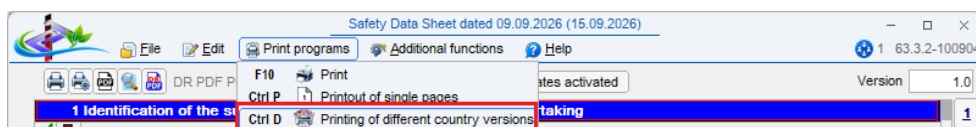
If ChemGes finds untranslated substance descriptions in the SDS, it indicates those in a separate screen. In the column **Translate Yes/No** you can select which names should be translated. You can start the **translation of untranslated substance descriptions** by pressing **F10**.



If ChemGes does not find untranslated substance descriptions in the SDS, you will receive a corresponding notification.

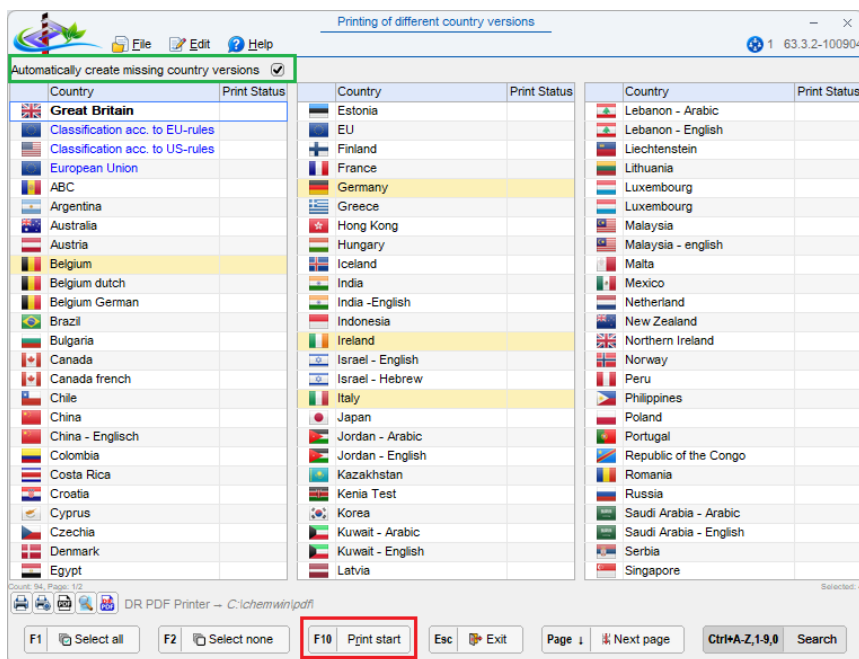
d) Printing of different country versions

It is now also possible to simultaneously print several country versions of the selected SDS by means of the new function **Ctrl D** **Printing of different country versions**.

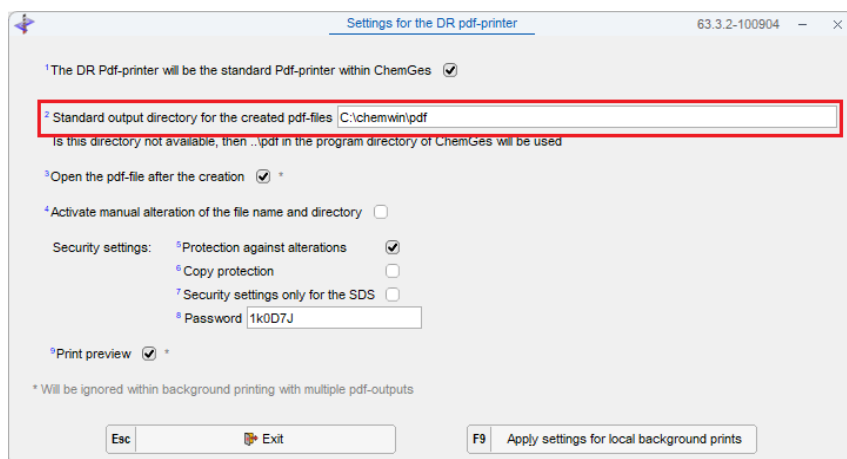


After selecting this item, you receive an overview in which you can select all requested countries by clicking. By means of **F10** you can start the **Printing of different country versions**.

Note: The setting for the option **Automatically create missing country version** is stored user-specifically.

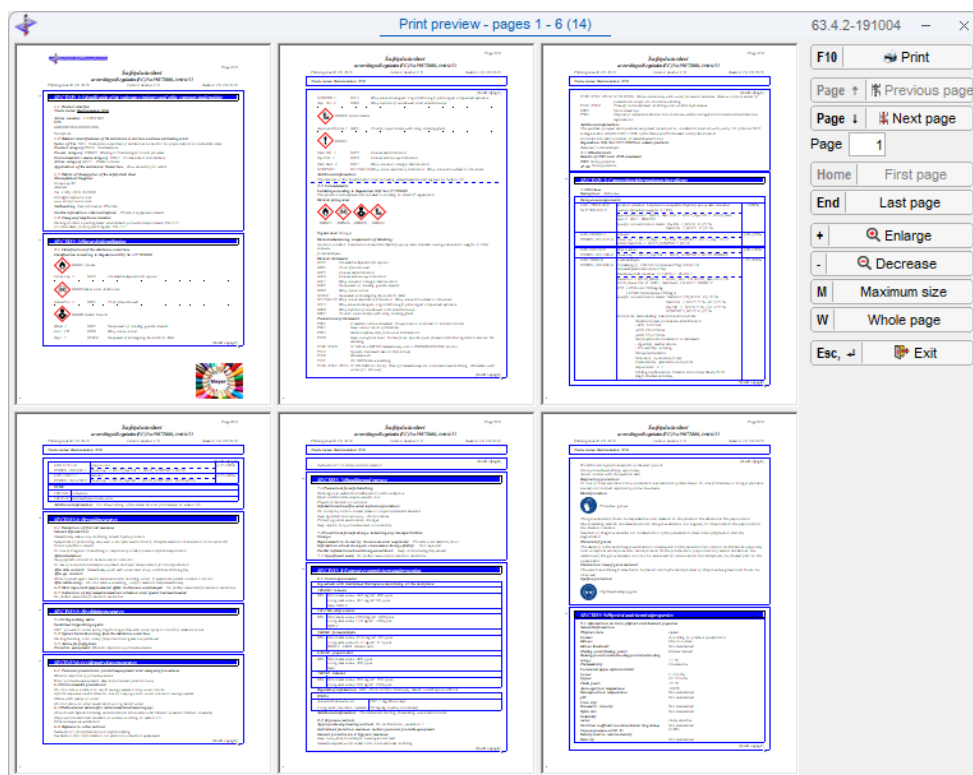


When the DR PDF Printer is selected, the generated SDBs are automatically saved in the designated directory (usually "pdf").



e) Print Preview

In the print preview, you can now display up to 15 pages by changing the page size:



C. New functions for raw materials and mixtures

a) Physical data for raw materials

The item **Consider the ingredients in the mixture for** (*Maintenance of raw materials – Physical data*) was expanded with the options **SVHC** and **Allergens**:

The screenshot shows the 'Physical data' window in ChemGes. The window has a menu bar (File, Edit, Database, Help) and a toolbar. The main area contains various input fields for physical and chemical data. At the bottom, there is a section for 'Consider the ingredients in the mixture for' with checkboxes for 'SVHC' and 'Allergens'. The 'SVHC' checkbox is checked, and the 'Allergens' checkbox is unchecked. Below these checkboxes, there are fields for 'Alternative CAS numbers' and 'Alternative CAS numbers'.

SVHC:

If the option **SVHC** is activated, the system checks for the SVHC substance list output, whether the substances entered in the item **Mixture of** are SVHC-listed. The raw material itself is no longer checked, when **SVHC** is activated.

Allergens:

If the option **Allergens** is activated, the check for allergens is performed based on the ingredients entered in the item **Mixture of** and not based on the raw material itself.

This allows, for example, a perfume oil to be created as a raw material with its own CAS number and classification. The allergen list with the respective CAS numbers and percentages provided by the supplier / perfume house has to be entered in the item **Mixture of**. This information is not used for calculating the classification, but serves for verification and output in the SDS. This eliminates the need for an additional entry in the formulation. There is no double counting, the total remains correct, and the classification of the finished product remains unaffected. The classification of the raw material, as specified by the supplier, can remain unchanged. The percentages of the ingredients entered in the item **Mixture of** scale from the formulation levels to the finished product. Thus, the respective limit is calculated correctly, even if the raw material is present in the finished product in the form of an intermediate product. Maintenance is done centrally, in the raw material data record. If the supplier provides an updated list, you only have adjust the raw material. With this, finished products, containing this adjusted raw material, are automatically taken into consideration accordingly.

b) Maintenance of raw materials – Limits for EUH phrases

Alteration of classification: One GHS type, the other GHS type are derived: Sorted by classes:

Default classification - Source: ☐ Suppress classification for hazards of inhalation ☐ Causes atrophy of the testicles ☐

² Exposure routes: ³ Additional hazards for specific target organ toxicity:

⁷ LC50 calculation:

⁸ Suppl. hazard statements: ¹⁹ Mutagenicity (DSD): ²³ PBT: ☐

⁹ Addit. statements: ²⁰ Carcinogenicity (DSD): ²⁴ vPvB: ☐

¹³ Output of the reduced labelling in the SDS: ☐ ²¹ Reproductive toxicity (DSD):

¹⁴ Explosive acc. to regulation 1272/2008/EC Annex I section 1.3.5:

¹⁵ Warnings acc. to regulation 1223/2009/EC:

¹⁶ Suppl. hazard statement: ¹⁸ Do not remove duplicates from locked P phrases and always output all of them: ☐

¹⁷ Addit. statements:

Esc Exit F9 Texts Ctrl G Only output of selected GHS types **F5 Special limits for EUH phrases** F6 Health classification limits F7 Classification limits for physical hazards

Ctrl Z Reset classification to original state Page 1 Next page

Via **F5** **Special limits for EUH phrases** you can define limits for each EUH phrase substance-specifically (column **Threshold value**). If a legal limit value according to CLP is available, ChemGes indicates this information in the column **Standard EU limit**.

Number	Text	Threshold value	EUH071 replaces H335	Standard EU limit
EUH001	Explosive when dry.			
EUH006	Explosive with or without contact with air.			
EUH014	Reacts violently with water.			
EUH018	In use may form flammable/explosive vapour-air mixture.			
EUH019	May form explosive peroxides.			
EUH029	Contact with water liberates toxic gas.			
EUH031	Contact with acids liberates toxic gas.			
EUH032	Contact with acids liberates very toxic gas.			
EUH044	Risk of explosion if heated under confinement.			
EUH059	Hazardous to the ozone layer.			
EUH066	Repeated exposure may cause skin dryness or cracking.			
EUH070	Toxic by eye contact.			
EUH071	Corrosive to the respiratory tract.		☐	
EUH201	Contains lead. Should not be used on surfaces liable to be chewed or sucked by children.			
EUH202	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.			
EUH203	Contains chromium (VI). May produce an allergic reaction.			
EUH204	Contains isocyanates. May produce an allergic reaction.			
EUH205	Contains epoxy constituents. May produce an allergic reaction.			
EUH206	Warning! Do not use together with other products. May release dangerous gases (chlorine).			
EUH207	Warning! Contains cadmium. Dangerous fumes are formed during use. See information supplied by the manufacturer. Comply with the safety instructions.			
EUH208	Contains S. May produce an allergic reaction.			
EUH209	Can become highly flammable in use.			
EUH210	Safety data sheet available on request.			
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.			
EUH212	Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.			

Count: 27, Page: 1/2

Esc Exit Page 1 Next page Ctrl+A-Z,1-9,0 Search

If requested, the item **EUH071 replaces H335** enables you to suppress the output of H335, if EUH071 is present (for example, if a component has H335, but you do not want to output H335 for mixtures, containing this component).

c) Locking physical values for mixtures

Due to numerous customer requests, it is now also possible to lock physical values for mixtures:

As usual, the lock can be removed by clicking the symbol .

d) Limits for the transfer of physical hazards

The menu *Program adjustments* was expanded with the item **Limits for the transfer of physical hazards**.

Here you can activate the automatic calculation of physical hazards from the hazards of the components and define the consideration of the transfer limits of the substance classifications for the determination of the physical hazards for mixtures.

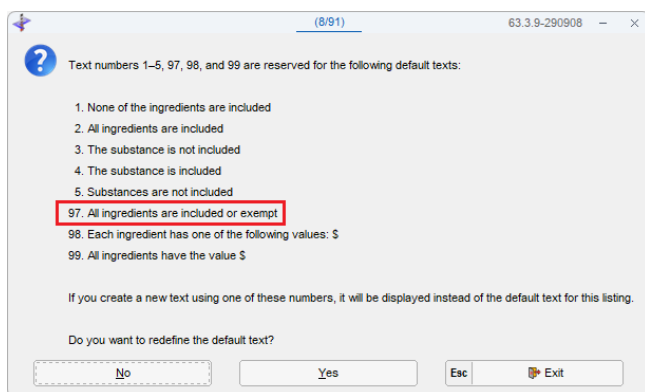
Class	Type of hazard	Limit for adoption	Cumulation
2.1	Explosives	50	☐
2.2	Flammable gases	50	☐
2.3.2	Chemicals under pressure, Section 2.3.2	-	☐
2.4	Oxidizing gases	10	☐
2.5	Gases under pressure	-	☐
2.7	Flammable solids	20	☐
2.8	Self-reactive substances and mixtures	20	☐
2.9	Pyrophoric liquids	35	☐
2.10	Pyrophoric solids	35	☐
2.11	Self-heating substances and mixtures	5	☐
2.12	Substances and mixtures which in contact with water emit flammable gases	90	☐
2.13	Oxidizing liquids	25	☐
2.14	Oxidizing solids	25	☐
2.15	Organic peroxides	10	☐
2.16	Corrosive to metals	50	☐
2.17	Desensitized explosives	-	☐
-	Pyrophoric Gas	35	☐
-	Simple Asphyxiant	10	☐
-	Combustible Dust	20	☐
-	Physical Hazards not otherwise specified	-	☐
-	Biohazardous Infectious materials	1	☐
-	Health Hazards not otherwise specified	-	☐

e) Maintenance of substance listings

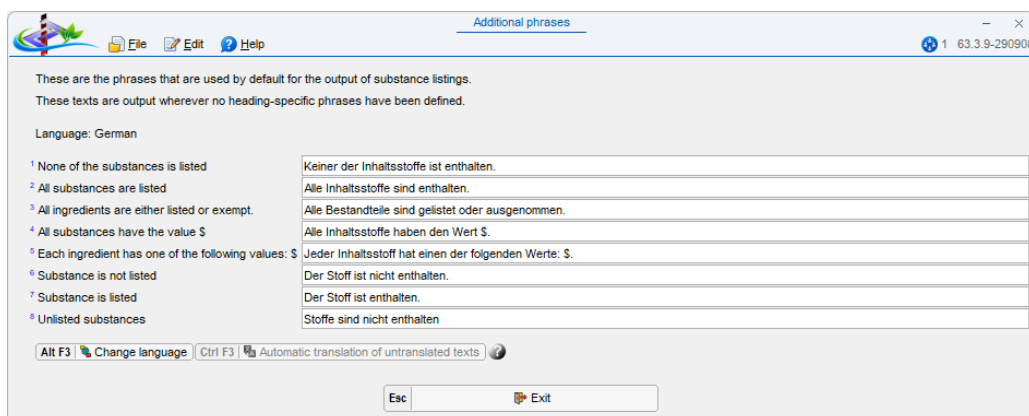
The screen *Maintenance of substance listings* has been expanded to include the listing type **Exists – Yes/No and exempt**.

Using this list type, you can define the output of exempt substances as a valid list entry.

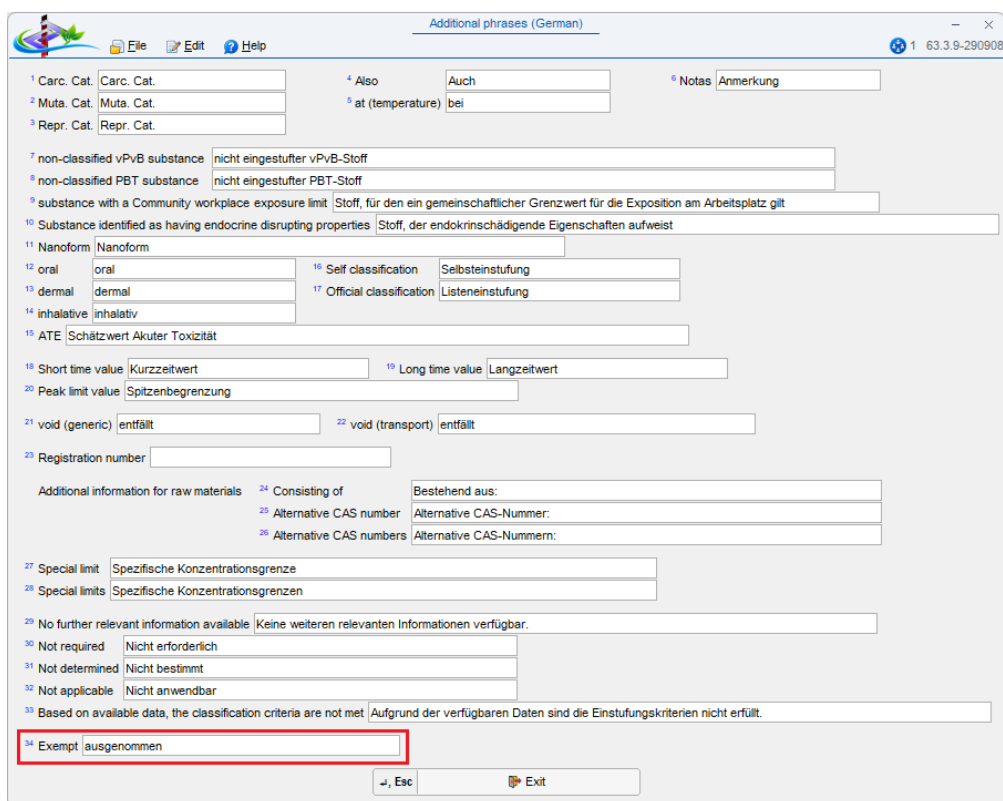
If the output of special phrases is selected, you can additionally activate the option **Summarize “yes” and exempt** for this list type. In this case, standard phrase **97** is output in the SDS:



As usual, the text of the phrase can be found in *Maintenance Programs – Safety Data Sheets – Texts for listings*:



You can maintain the text for **Exempt** in *Maintenance Programs – Safety Data Sheets – Texts for generating variable texts in tables*.



For the substance list entry itself, the following options are available for this list type:

Test-xmpt		Substance list with exempt information	exempt	
Australia	AIC	Australian Inventory of Industrial Chemicals	☒ Yes	☒
	AICS	Inactive listing - Australian Inventory of Chemical Substances	☐ No	☒
	PEC	Priority Existing Chemicals	☐ Exempt	☒
	SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons		S6, S10
Canada	DSL	Canadian Domestic Substances List (DSL)		☒

D. Data update

1. Occupational exposure limits and biological limit values

This update implements new and changed threshold values for Germany (TRGS 900, TRGS 910, MAK- und BAT-Werte), Denmark, New Zealand, Hungary and Slovakia (NPEL, BMH).

New list:

The new Australian *WEL* list (*Workplace exposure limits for airborne contaminants*, valid from 01.12.2026) has now been implemented in ChemGes in addition to the existing *WES* list (*Workplace exposure standards for airborne contaminants*, valid until 30.11.2026). Both lists are currently output simultaneously in the SDS.

2. Substance listings and Chemical Inventories

a) Existing substance lists

This update implements the amendments of the following national chemical inventories and substance listings:

- AIIC (Australian Inventory of Industrial Chemicals)
- DSL (Domestic Substance List, Canada)
- PACS (USA)
- HAPs (USA)
- Prop 65 (USA)
- IARC (USA)
- RL, RLWL, RLP (Red List, USA)
- EDC lists I, II, III (EU)
- DPLI, DPL II (Drug precursors, EU)
- PIC (EU)
- Annex XVII (EU)
- POP (EU)
- WGK-List (*AwSV*, Germany)
- CCA-TA, CCA-TE, CCA-RS (Korea)
- JISHA SA, SI, HMRN1, HMRN2 (*Industrial Safety and Health Act*, Japan)
- CSCL-NACS1, CSCL-NACS2, Bio ECS, PACS, SCS (CSCL, *Chemical Substances Control Law*, Japan)
- PDSC-D (Poisonous and Deleterious Substances Control, Japan)
- ZZS (Lijst van Zeer Zorgwekkende Stoffen, the Netherlands)
- NZIoC (New Zealand)
- HSNO (New Zealand)
- PICCS (Philippines)
- IECSC (China)
- TCSCA-CCS, TCSCA-LSHS, TCSCA-RCN, TCSCA-TC (Taiwan)

b) New lists:**Mexico - RETC165**

With this update the "Lista de sustancias sujetas a reporte de competencia federal (NOM-165-SEMARNAT-2013)" was implemented in ChemGes.

The output in the SDS is done as Yes/No list under heading 15.30.137.

3. Taiwan

For Taiwan, the legal amendments based on UN Rev. 08 have been implemented.

The automatic transfer will take place on January 1, 2029. If you wish to use the amended requirements earlier, you can activate the transfer at any time via the button **Data and regulatory updates** in the basic screen.

4. Australian and Chilean GHS classifications

The GHS substance classifications and the corresponding substance names have been updated for Australia and Chile.

5. European Waste Catalogue

With this update the amendments according to *Decision (EU) 2025/934* are transferred in all EU languages.

6. Settings for LATAM countries

With this update, the country settings for the following LATAM countries were revised and adjusted accordingly:

Argentina, Bolivia, Brazil, Chile, Ecuador, Colombia, Paraguay, Peru, Uruguay, Venezuela, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama, and Mexico

In addition, the following lists of substances (precursors) were newly added:

Chile: Ley N° 20.000 que sanciona el tráfico ilícito de estupefacientes y sustancias sicotrópicas, y su Decreto Supremo N° 1.358 de 2006 (modificado por el Decreto N° 217 del Ministerio del Interior y Seguridad Pública)

Type: Yes/No lists

Listing code	Name	SDS heading number for the output
CLCCL I	"Chile Controlled Chemicals - Law 20,000 / Decree 1,358/2006 - List I: Precursors":	15.40.110.10
CLCCL II	"Chile Controlled Chemicals - Law 20,000 / Decree 1,358/2006 - List II: Essential Chemicals":	15.40.110.20
CLCCL III	"Chile Controlled Chemicals - Law 20,000 / Decree 1,358/2006 - List III: Other Chemicals":	15.40.110.30

Example - Settings:

The screenshot shows the 'Maintenance of substance listings' window. The 'Abbreviation' is 'CLCCL I'. The 'Name of the substance listing' is 'Chile Controlled Chemicals - Law 20,000 / Decree 1,358'. The 'From country' is 'CHL' (Chile). The 'Type of values' is 'Exists - Yes/No'. The 'Entries via EC index number allowed' is checked. The 'Output in the SDS' section shows 'Heading' as '15.40.110.10' and 'List I: Precursors'. The 'Active' checkbox is checked. The 'Transfer of the substance from' is set to '0,0000 %' and '0,00 g/l'. The 'Output only if the substance is also shown in section 3 with the dangerous substances' checkbox is unchecked. The 'No output of the CAS number' checkbox is unchecked. The 'Percentage or quantity' is set to 'None'. The 'Output of the special phrase that none of the substances is listed' checkbox is checked, with the standard phrase 'None of the ingredients is listed. / Substance is not listed.' The 'Output of the special phrase that all substances are listed' checkbox is checked, with the standard phrase 'All ingredients are listed. / Substance is listed.' The 'Entries to be grouped together' checkbox is unchecked. The 'When showing individual substances, only show the missing substances' checkbox is unchecked. The 'Maintenance of standard phrases' section shows 'Specific phrases for this heading only'. The 'Explanatory phrase for substances issued' and 'Phrase that is also displayed elsewhere if no substance is shown' fields are empty. The 'Used for California Cleaning Right to Know Act' checkbox is unchecked. The 'Excel file with preparations and all raw materials in this substance listing' and 'Excel file with raw materials and the occurrence in all preparations' checkboxes are unchecked. The 'Import new values with file' button is visible. The 'Exit' button is highlighted.

Guatemala: Acuerdo Ministerial No. 13-2026 (que reforma el Acuerdo Ministerial 174-2025 y el Acuerdo Gubernativo 102-2025, Reglamento para la Autorización y Control de Precursores y Sustancias Químicas)

Type: Yes/No lists

Listing code	Name	SDS heading number for the output
GTCCCL I	"Guatemala Precursors & Chemicals - AG 102-2025 / AM 174-2025 - List I":	15.40.130.10
GTCCCL II	"Guatemala Precursors & Chemicals - AG 102-2025 / AM 174-2025 - List II":	15.40.130.20
GTCCCL III	"Guatemala Precursors & Chemicals - AG 102-2025 / AM 174-2025 - List III":	15.40.130.30

Example - Settings:

Ecuador: Ley Orgánica de Prevención Integral del Fenómeno Socio Económico de las Drogas y de Regulación y Control del Uso de Sustancias Catalogadas Sujetas a Fiscalización y el Reglamento para el Control y Administración de Sustancias Catalogadas Sujetas a Fiscalización (en sus versiones vigentes)

Type: Yes/No lists

Listing code	Name	SDS heading number for the output
ECCCL I	"Ecuador Precursors & Specific Chemicals - CID 001-2025, Annex C - Table I":	15.40.120.10
ECCCL II	"Ecuador Precursors & Specific Chemicals - CID 001-2025, Annex C - Table II":	15.40.120.20

ECCCL III	"Ecuador Precursors & Specific Chemicals - CID 001-2025, Annex C - Table III":	15.40.120.30
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Example - Settings:

The screenshot displays the 'Maintenance of substance listings' window in ChemGes. The window is titled 'Maintenance of substance listings' and has a menu bar with 'File', 'Edit', and 'Help'. The main area contains several sections for configuring substance listings:

- Abbreviation:** ECCCL I
- Name of the substance listing:** Ecuador Precursors & Specific Chemicals - CID 001-20
- From country:** ECU (Ecuador)
- Type of values:** Text
- Abbreviation explanations:** (button)
- Exists - Yes/No:** (radio buttons, 'Yes' is selected)
- Exists - Yes/No and exempt:** (radio buttons, 'Yes' is selected)
- Entries via EC/index number allowed:** (checkbox, checked)
- Output in the SDS:**
 - Heading:** 15.40.120.10
 - Table I: Substances included in Table I of the 1988 Convention**
 - Countries:** For: ECU
 - Transfer of the substance from:** 0,0000 %
 - Output only if the substance is also shown in section 3 with the dangerous substances:** (checkbox, unchecked)
 - No output of the CAS number:** (checkbox, unchecked)
 - Percentage or quantity:** None (radio button selected), Exact value (radio button), Limits (radio button)
 - Output of the special phrase that none of the substances is listed:** (checkbox, checked)
 - Output of the special phrase that all substances are listed:** (checkbox, checked)
 - Standard phrase:** None of the ingredients is listed. / Substance is not listed.
 - Standard phrase:** All ingredients are listed. / Substance is listed.
 - Entries to be grouped together:** (text input field)
 - When showing individual substances, only show the missing substances:** (checkbox, unchecked)
 - Maintenance of standard phrases:** (button)
 - Specific phrases for this heading only:** (button)
 - Explanatory phrase for substances issued:** (text input field)
 - Phrase that is also displayed elsewhere if no substance is shown:** (text input field)
 - Countries:** (text input field)
 - Used for California Cleaning Right to Know Act:** (checkbox, unchecked)
 - Excel file with preparations and all raw materials in this substance listing:** (button)
 - Excel file with raw materials and the occurrence in all preparations:** (button)
 - Import new values with file:** (button)
 - Buttons:** Esc, Exit, Alt Delete, Delete

Notes:

Due to an increased number of inquiries, we would like to take this opportunity to inform you that ChemGes is already a 64-bit application.

Removal of obsolete program components and options:

We would like to inform you that, in a few weeks, we will be removing program components and options related to obsolete legislation from ChemGes for the sake of clarity.

Specifically, this applies to:

- TremCards
- Text output of SDSs via **Ctrl F10**, since better output options are already available via HTML and Word. The new HTML format is an export from the print output (PDF), so the layout is fully preserved.
- The old version of the input screen for label variable definitions, as the newer version offers more options and is easier and faster to use.