

Countries and Languages

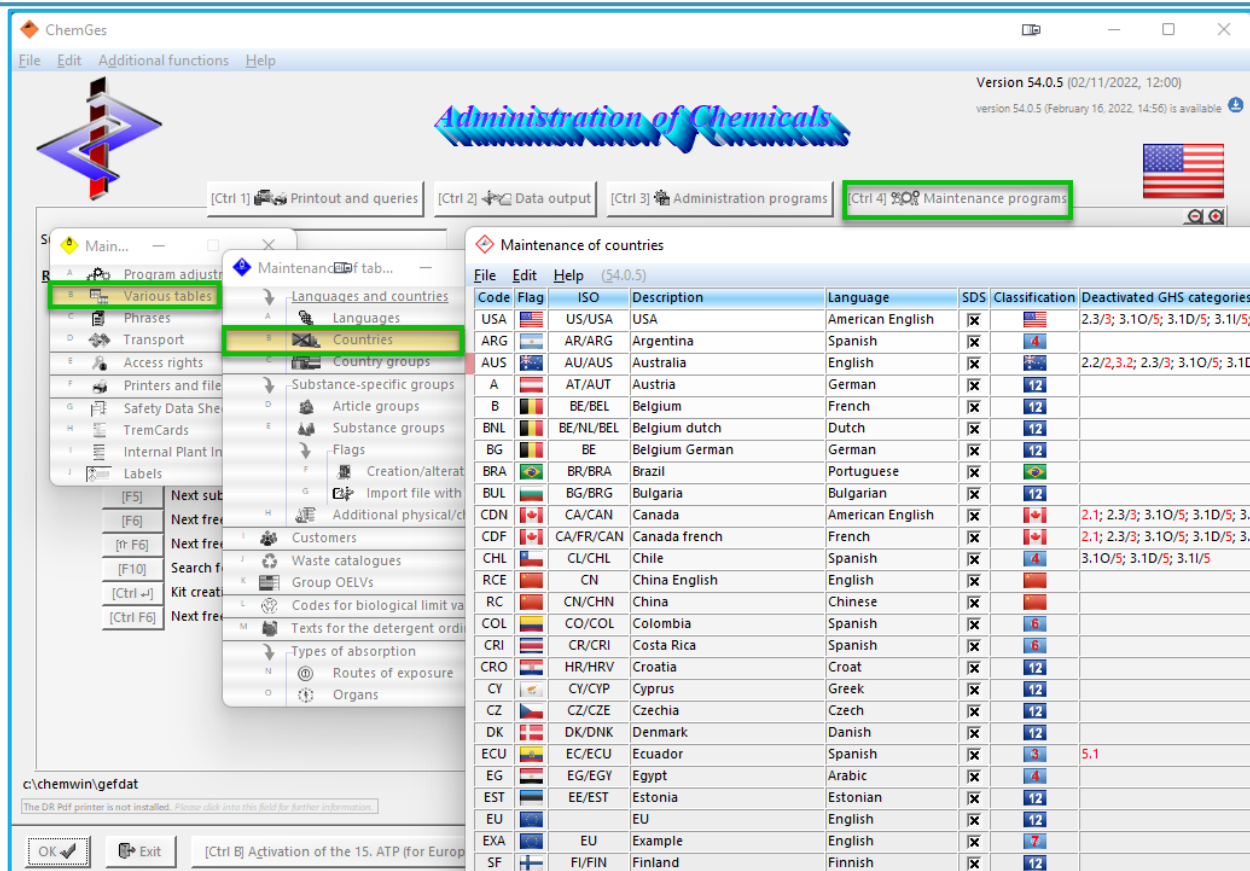
Introduction:

- You are legislatively required to provide a country-specific SDS that:
 - is based on the legislative requirements of the country to which you are sending your product.
 - is written in the official language(s) of the country to which you are sending the product.
- Therefore, SDSs are not translations of one another, but must provide the legislatively required information, which differs from country-to-country.
- If you generate an SDS for a country with a language that is not its official language, it is not a legal document and we cannot promise the translations of every text that applies to that country.
 - For example, if you generate a Japanese SDS in English, the Substance Listing names will still appear in Japanese. They do not exist in English, are not to be used in English and thus are not translated into English by us.
- ChemGes is capable of generating paired SDSs, if two language SDSs are to be output as one document for a country
- Language modules can be purchased separately, on an as-needed basis. Please see our *Pricelist* for details.

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

Country Settings:

The country settings for each country available in ChemGes, can be viewed in the *Maintenance of countries*, accessible via **Ctrl 4 Maintenance programs – Various tables – Countries**.



Code	Flag	ISO	Description	Language	SDS	Classification	Deactivated GHS categories
USA		US/USA	USA	American English	<input checked="" type="checkbox"/>		2.3/3; 3.1O/5; 3.1D/5; 3.1I/5
ARG		AR/ARG	Argentina	Spanish	<input checked="" type="checkbox"/>		
AUS		AU/AUS	Australia	English	<input checked="" type="checkbox"/>		2.2/2,3,2; 2.3/3; 3.1O/5; 3.1D/5
A		AT/AUT	Austria	German	<input checked="" type="checkbox"/>		12
B		BE/BEL	Belgium	French	<input checked="" type="checkbox"/>		12
BNL		BE/NL/BEL	Belgium dutch	Dutch	<input checked="" type="checkbox"/>		12
BG		BE	Belgium German	German	<input checked="" type="checkbox"/>		12
BRA		BR/BRA	Brazil	Portuguese	<input checked="" type="checkbox"/>		
BUL		BG/BRG	Bulgaria	Bulgarian	<input checked="" type="checkbox"/>		12
CDN		CA/CAN	Canada	American English	<input checked="" type="checkbox"/>		2.1; 2.3/3; 3.1O/5; 3.1D/5; 3.1I/5
CDF		CA/FR/CAN	Canada french	French	<input checked="" type="checkbox"/>		2.1; 2.3/3; 3.1O/5; 3.1D/5; 3.1I/5
CHL		CL/CHL	Chile	Spanish	<input checked="" type="checkbox"/>		3.1O/5; 3.1D/5; 3.1I/5
RCE		CN	China English	English	<input checked="" type="checkbox"/>		
RC		CN/CHN	China	Chinese	<input checked="" type="checkbox"/>		
COL		CO/COL	Colombia	Spanish	<input checked="" type="checkbox"/>		6
CRI		CR/CRI	Costa Rica	Spanish	<input checked="" type="checkbox"/>		6
CRO		HR/HRV	Croatia	Croat	<input checked="" type="checkbox"/>		12
CY		CY/CYP	Cyprus	Greek	<input checked="" type="checkbox"/>		12
CZ		CZ/CZE	Czechia	Czech	<input checked="" type="checkbox"/>		12
DK		DK/DNK	Denmark	Danish	<input checked="" type="checkbox"/>		12
ECU		EC/ECU	Ecuador	Spanish	<input checked="" type="checkbox"/>		3; 5.1
EG		EG/EGY	Egypt	Arabic	<input checked="" type="checkbox"/>		4
EST		EE/EST	Estonia	Estonian	<input checked="" type="checkbox"/>		12
EU		EU	EU	English	<input checked="" type="checkbox"/>		12
EXA		EU	Example	English	<input checked="" type="checkbox"/>		7
SF		FI/FIN	Finland	Finnish	<input checked="" type="checkbox"/>		12

Note:

The default settings are based on the legislative requirements. We therefore, recommend, that these are not changed unless you are certain of the implications. Changes of legislative settings can affect many SDSs and, depending on the setting, more than one country.

Maintenance of Countries:

There are many options available in the *Maintenance of Countries*. Below, you will find details to some important options.

Basic Language	Indicates the main language of the SDS.
Special Language	Used when there is a special variation of the basic language, that exists for that country (i.e. Canadian French, Brazilian Portuguese). If translations exist in the <i>Special Language</i> , these take precedence. If they do not, then the <i>Basic Language</i> is applied.
EU Country	When activated, the EU nuances are applied.
GHS Classification Type	Here you can define the version of the GHS that is to apply to the country. Please note, that some countries have flags available in this list, as they have very specific implementations of the GHS, or official classifications of raw materials. All other countries apply one of the existing versions of the GHS.
Deactivated GHS-Categories	This goes hand-in-hand with the fact that the GHS is not harmonized worldwide. The GHS building block approach permits the adoption and non-adoption of specific classification classes and categories. Here, you can see clearly what classes and categories are not adopted by a specific country.
Format of the date	Different countries have different ways of outputting a date. Here you can define your preferred settings. Please note that this affects all documents generated with ChemGes for this specific country.

The screenshot shows the 'Maintenance of countries' window for the USA. The interface includes a menu bar (File, Edit, Help) and a toolbar with icons for Exit, Delete, and Special SDS settings. The main area contains several sections of settings:

- Country (ChemGes-Code):** USA
- ISO-code:** US
- ISO Code:** USA (3 characters)
- Flag:** USA
- Basic language:** American English
- Special language:** (empty)
- EU-country:** Basic country: (empty)
- GHS-classification type:** USA
- Deactivated GHS-categories:** 2.3/3; 3.10/5; 3.1D/5; 3.11/5; 3.2/3; 3.10/2; 4.1A; 4.1C; 5.1
- Combined H-phrases:** Output of 'SDS available'-phrase, if necessary:
- Decimal character:** Period
- Format of the date:** Standard (Example: 02/16/2022)
- Activation of safety data sheet for this country:**
- Settings for section 3:**
 - Only ingredients with health and environmental hazards are shown:
 - Output of the hazard types in SDS language: (otherwise in English, EU countries except Croatia should always be in English)
 - Limit table to be used: acc. to presets → Use limit tables
 - Adaptation to legal limit values: acc. to presets → Yes
 - Output of numbers:
 - CAS number:
 - EC number (EINECS):
 - Index number:
 - RTECS:
 - Registration number:
 - Output of synonyms of substance descriptions: Additional output of English synonyms:
 - Output of ingredients in section 2 instead of section 3:
 - Output of all ingredients (including harmless ones): From: 0.0000 %
 - EU only: Specification of additional information (e.g. occurrence of OELVs): Only if the raw material has no H phrases
- Use strict EU rules: Use special settings, which are otherwise only used for USA and Canada:
- Output of hazard statements of raw materials and of the abbreviations in section 16:
- Occupational exposure limit values to be shown (OELV): USA
- Output of the toxicology comments:
- Celsius values also in Fahrenheit: (only visible when printing)
- Sort order of headings in SDS: Standard
- Archiving of safety data sheets:
- Type of output: GHS
- Template: Format not defined
- Output of a second SDS for: (empty)

Maintenance of countries (Continued):

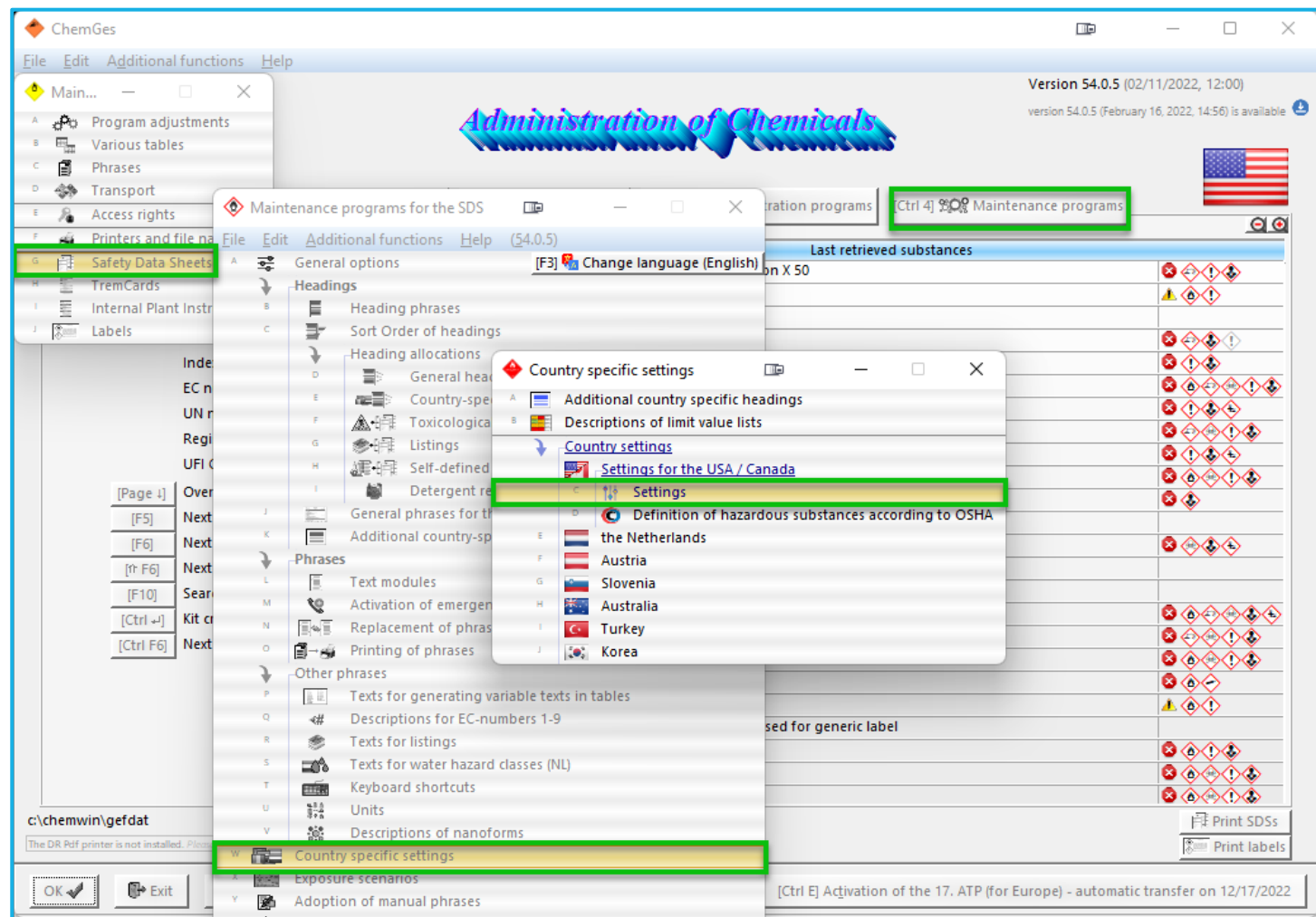
Numbers	Here you can activate what information, in addition to the required information, will appear in Section 3 resp. 2.
Percentage table to use	If outputting limit ranges in Section 3, here you can define which of the limit tables you wish to apply for this country. The limit tables and limit table options, can be accessed via Ctrl 4 Maintenance programs – Safety data sheets – Options – Definition of limits to use .
Use strict EU-regulations	This setting activates the EU requirements for the SDS, pertaining especially to Sections 1, 3 and 16. Countries in the EU and those that have adopted the EU regulations, require this setting. It is automatically set when the EU GHS is chosen in option 8.
TLVs	Here one can define from which country/countries TLVs will be output on the SDS.
Use special country settings for the USA and Canada	If this option is activated, the special settings for these countries will be applied. These settings are found under Ctrl 4 Maintenance Programs – Safety Data Sheets – Country specific adjustments – Settings for the USA/Canada .

The screenshot shows the 'Maintenance of countries' window with the following settings:

- Country (ChemGes-Code): USA
- ISO-code: US
- ISO Code: USA (3 characters)
- Flag: USA
- Basic language: American English
- Special language: (empty)
- EU-country: Basic country: (empty)
- GHS-classification type: USA
- Deactivated GHS-categories: 2.3/3; 3.10/5; 3.1D/5; 3.1U/5; 3.2/3; 3.10/2; 4.1A; 4.1C; 5.1
- Combined H-phrases: Output of 'SDS available'-phrase, if necessary:
- Decimal character: Period
- Format of the date: Standard
- Activation of safety data sheet for this country:
- Settings for section 3:
 - Only ingredients with health and environmental hazards are shown:
 - Output of the hazard types in SDS language: (otherwise in English, EU countries except Croatia should always be in English)
 - Limit table to be used: acc. to presettings –Use limit tables
 - Adaptation to legal limit values: acc. to presettings –Yes
 - Output of numbers:
 - CAS number:
 - EC number (EINECS):
 - Index number:
 - RTECS:
 - Registration number:
 - Output of synonyms of substance descriptions: Additional output of English synonyms:
 - Output of ingredients in section 2 instead of section 3:
 - Output of all ingredients (including harmless ones): From: 0.0000 %
 - EU only: Specification of additional information (e.g. occurrence of OELVs) Only if the raw material has no H phrases
- Use strict EU rules: Use special settings, which are otherwise only used for USA and Canada:
- Output of hazard statements of raw materials and of the abbreviations in section 16:
- Occupational exposure limit values to be shown (OELV): USA
- Output of the toxicology comments:
- Celsius values also in Fahrenheit: (only visible when printing)
- Sort order of headings in SDS: Standard
- Archiving of safety data sheets:
- Type of output: GHS
- Template: Format not defined
- Output of a second SDS for: (empty)

Country Specific Settings:

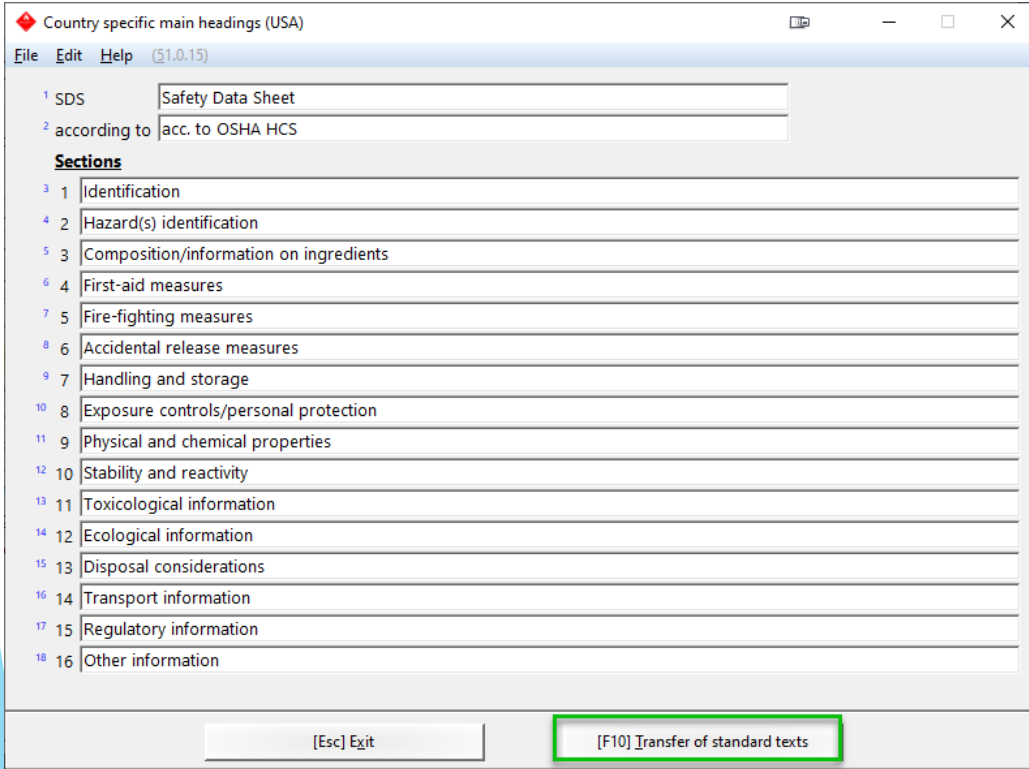
The country specific adjustments can be found under **Ctrl 4 Maintenance Programs – Safety Data Sheets – Country specific settings.**



Country Specific Settings:

Additional country specific headings

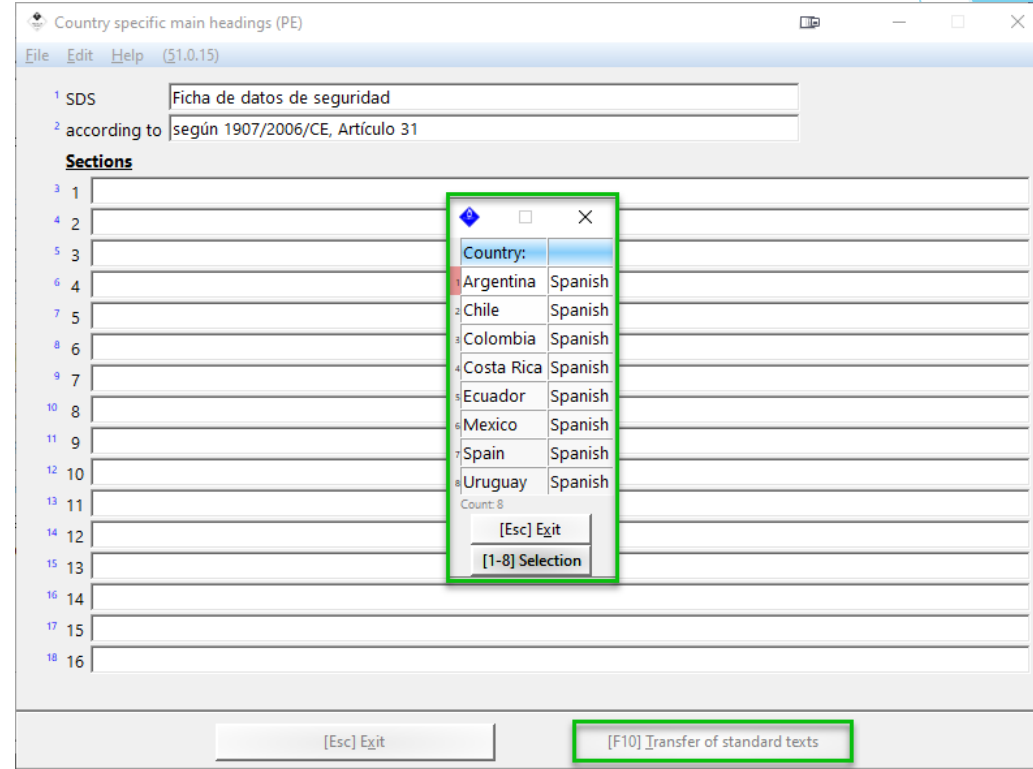
Here you can view the country-specific headings and can make changes to the main SDS headings, as well as the 16 Section headings.



By pressing **[F10] Transfer of standard texts**, you can transfer the headings as they are stated in the corresponding legislation.

Note:

Pressing **[F10] Transfer of standard texts**, will overwrite any manual changes you have made in this screen.



If you select a self-created country, then after pressing **[F10] Transfer of standard texts**, a screen opens in which you can select a country, which has the same language as the one defined for your chosen country, from which the headings are to be adopted.

Country Specific Settings:

Descriptions of OELVs

This screen allows you to view and change the descriptions of the various exposure limit lists.

The screenshot displays the ChemGes software interface. The main window shows a menu structure with 'Country specific settings' highlighted. A sub-menu is open, showing 'Descriptions of limit value lists' selected. A dialog box titled 'Output in SDS: OELVs' is open, showing a table of OELVs for various countries. The dialog box has fields for 'Land' (Austria) and 'Abbreviation of the OELV-Listing' (MAK). The table lists OELVs for countries like Argentina, Austria, Belgium, Bulgaria, Canada, Germany, Great Britain, Greece, Hungary, and Iceland.

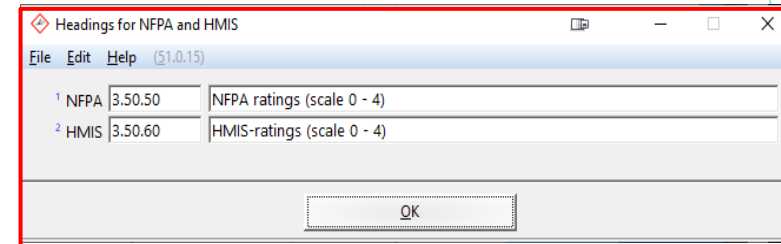
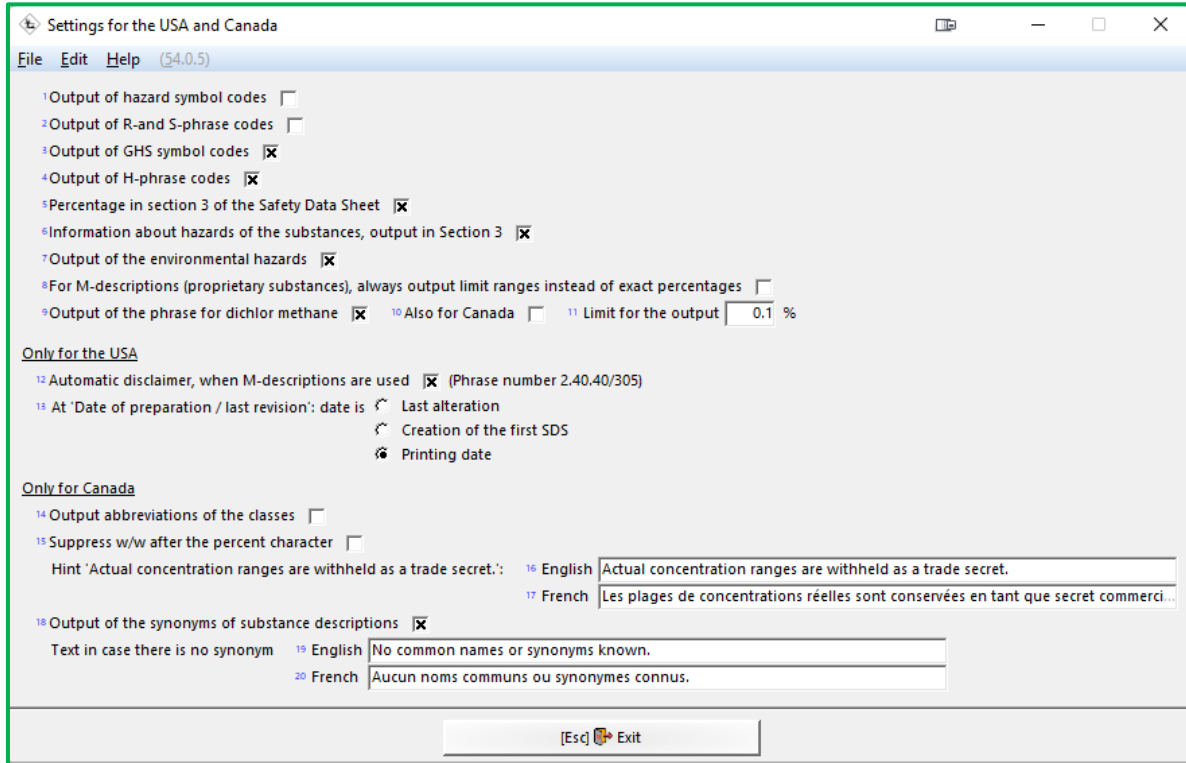
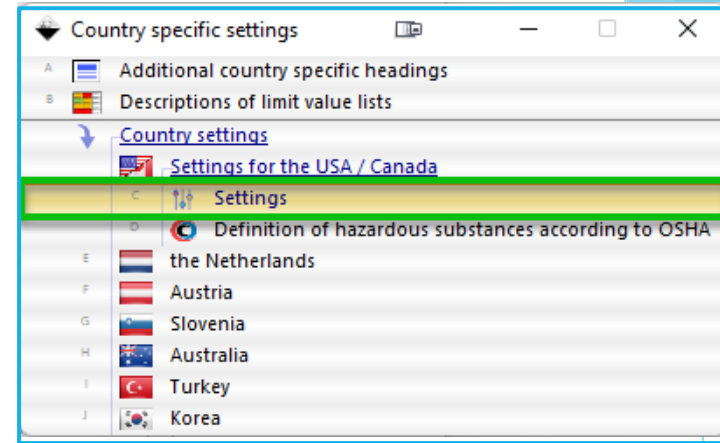
Country	Code	Description
Argentina	CMP	Resolución N°295/2003
Argentina	IBE	Resolución N°295/2003
Austria	MAK	GKV 2020, 156. Verordnung, 09.04.2021
Austria	TRK	GKV 2020, 156. Verordnung, 09.04.2021
Belgium	VL	Moniteur belge no 148, 27.05.21
Belgium dutch	GW	Belgisch Staatsblad, 27.05.21
Bulgaria	GS	Държавен вестник, брой: 47, 04.06.21
Canada	FL	OHS Guidelines Part 5, Table of Expos
Germany	MAK	MAK- und BAT-Liste
Germany	AGW	TRGS 900
Germany	BGW	TRGS 903
Germany	TRGS910	TRGS 910
Great Britain	BMGV	EH40/2011
Great Britain	WEL	EH40/2020
Greece	TWA	Π.Δ. 26/2020
Hungary	OELV	32/2021. (VII. 26.) ITM rendelet
Hungary	BEM	50/2011. (XII. 22.) NGM rendelet
Iceland	MEN	390/2009-REGLUGERÐ um mannaparm

Note:

The option **Output in SDS** allows you to define whether and for which country the full description of the legislation is to be output on the SDS, under the headings **8.40.0.19 Regulatory information** and **8.40.0.109 Regulatory information** respectively.

Country Specific Settings: *Settings for USA / Canada*

Here you can define additional country-specific settings for the USA and Canada.



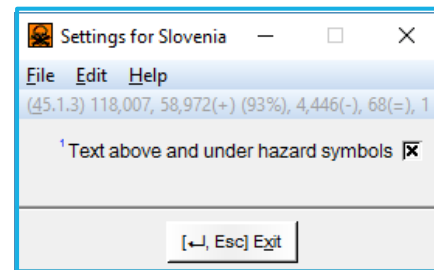
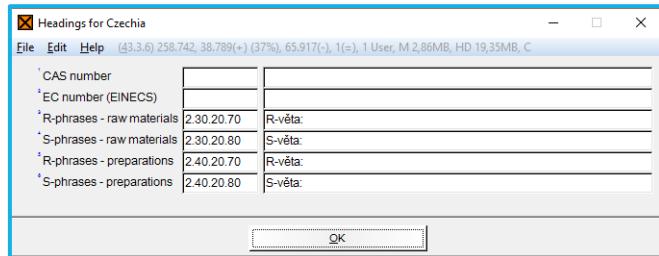
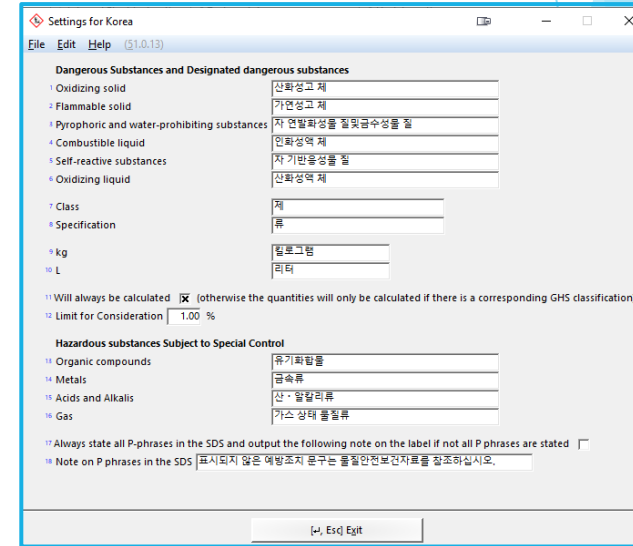
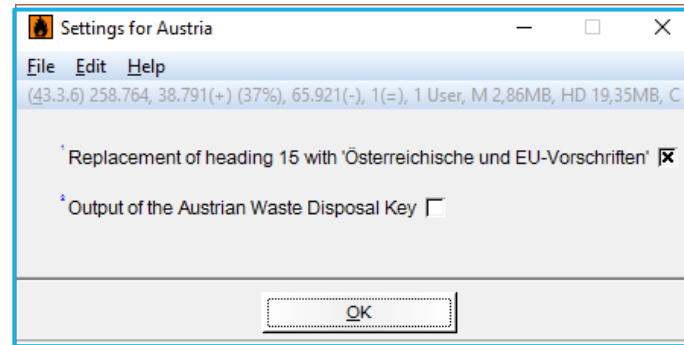
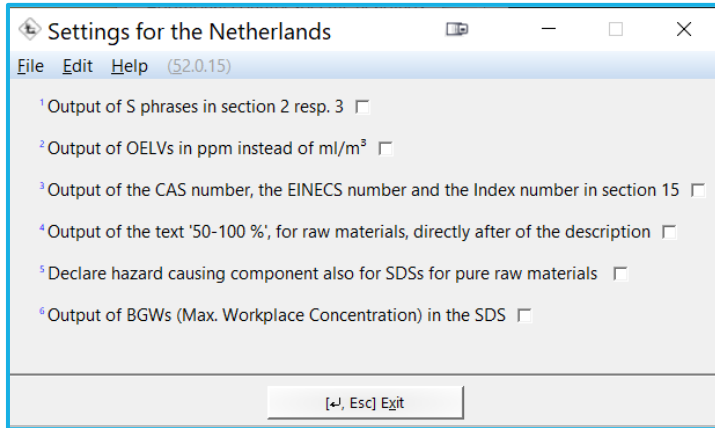
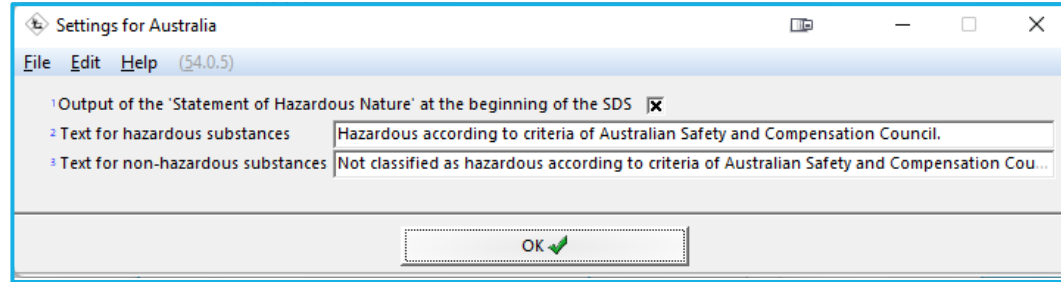
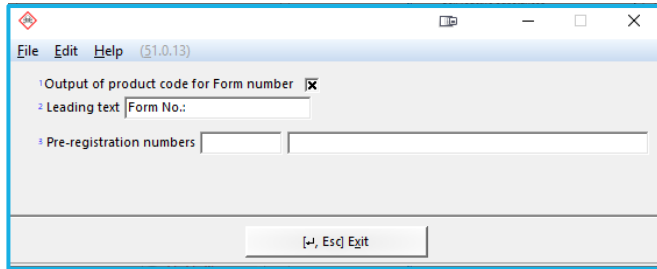
This option defines that output of the NFPA and HMIS ratings for the USA and Canada. Removing the heading allocations, will remove them from SDSs.

This screen provides various settings that allow the user to define additional information in the SDS, that covers different interpretations of the legislation, as well as different needs of the user.

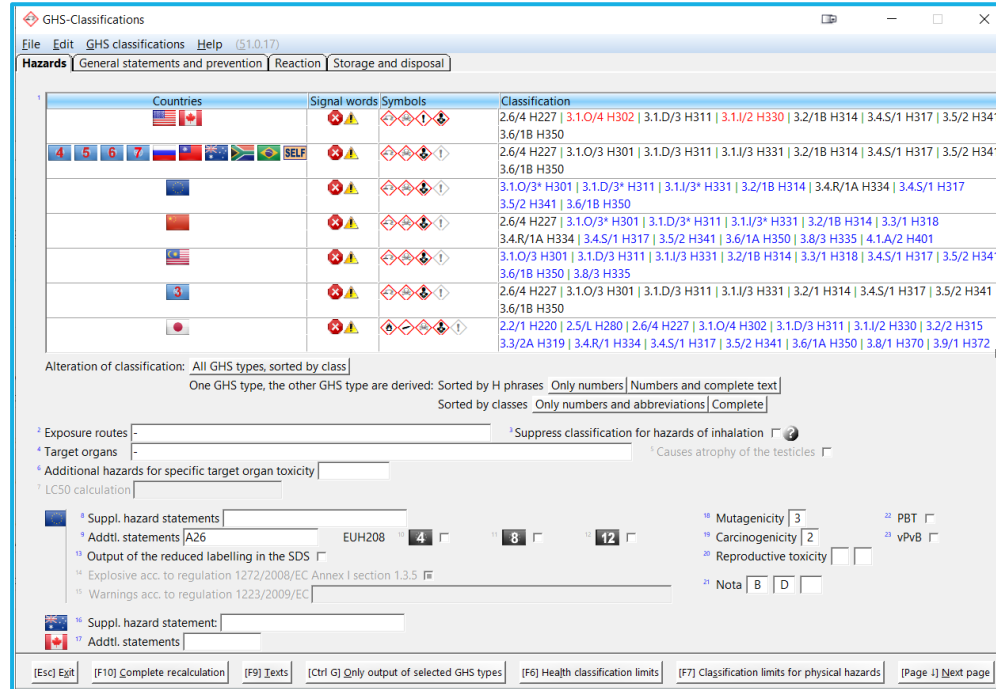
Country Specific Settings:

Settings for Czechia, the Netherlands, Austria, Slovenia, Australia, Korea and Turkey

These settings concern country specific allocations and output preferences.



GHS: Official Classifications (mandatory, non-mandatory, minimum)



Countries have begun to implement lists of officially classified substances. These classifications can be mandatory within a country, non-mandatory recommendations, or minimum classification requirements.

The screen **GHS-classification** shows an overview of the classifications in various countries.

Instead of providing in this screen, a flag for every country in the world, you will find here 5 types of flags. Country details for each country can be found in the *Maintenance of countries* (Ctrl 4 Maintenance programs - Various tables – Countries):

Those for...

...countries that implemented unique GHS version

...countries with officially classified substances

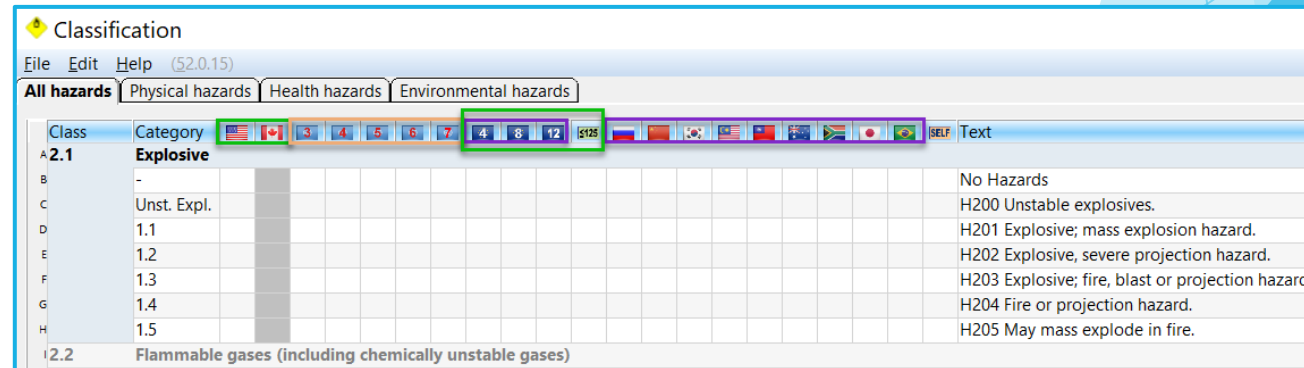
...all other countries (the details are set for each country in the *Maintenance of countries*)

...containers <125ml

...self-classification

Upon clicking on the button **All GHS types sorted by someone**, you can access the details to the GHS classification and manually alter where desired.

- Blue** indicate official classifications
- * indicates is a minimum classification
- Black** indicates calculated or entered classifications
- Red** indicates manually changed classifications



GHS: Classification variations (Classes/Categories)

The following applies to the implementation of the GHS:

1. The building block approach to adoption, means that countries are not required to adopt all classes/categories, found in the UN GHS (the Purple Book).
2. In addition, classification limits and consideration limits can vary from country to country.
3. Different countries have included their own classes, Hazard Statements or phrasing of Precautionary Statements

The GHS system adopted for each country as well as implementation details, can be found in the *Maintenance of countries* (**Ctrl** **4** **Maintenance programs – Various tables – Countries.**)

Maintenance of preparations
File Edit Print programs Additional functions Help (51.0.17)
Basic screen Formulation Physical data Country specific classifications Transport

Preparation: 1,000 Resin solution X 50
State: liquid
Flash point: 25 °C
Boiling point: 77 °C
Density:
pH value:
Viscosity: at 20° mPas, at 40° mm²/s
Water miscible/water soluble:
ADR: 3
ADR Code: F1, PG: III, UN: 1866
DOT: 3
IMDG: 3
PG: III, UN: 1866, EmS: F-E-S-E
IATA: 3
PG: III, UN: 1866
DPD: Xn
N: R10-36/38-43-48/20-51/53-63-65-67
NFPA: 2 0
Ctrl N NFPA/HMIS

GHS classification

Danger
3.10/1; Asp. Tox. 1 - H304 May be fatal if swallowed and enters airways.
3.7/2; Repr. 2 - H361 Suspected of damaging fertility or the unborn child.
3.7/2; Repr. 2 - H361d Suspected of damaging the unborn child.
3.9/2; STOT RE 2 - H373 May cause damage to organs through prolonged or repeated exposure.

Warning
2.6/3; Flam. Liq. 3 - H226 Flammable liquid and vapour.

Warning
3.2/2; Skin Irrit. 2 - H315 Causes skin irritation.
3.3/2A; Eye Irrit. 2A - H319 Causes serious eye irritation.
3.3/2; Eye Irrit. 2 - H319 Causes serious eye irritation.
3.4/1; Skin Sens. 1 - H317 May cause an allergic skin reaction.
3.8/3; STOT SE 3 - H336 May cause drowsiness or dizziness.

Warning
3.1/5; Acute Tox. 5 - H333 May be harmful if inhaled.

4.1/2; Aquatic Chronic 2 - H411 Toxic to aquatic life with long lasting effects.

Automatic reclassification each time the substance is retrieved
[Ctrl X] Lock GHS areas: Pre-selected: All

Creation: - Last alteration: 06/12/2020 Last classification: 06/12/2020

[Alt F11] Memo

[Ctrl G] GHS-Ableitung [Alt F8] PDF files (1) [F10] Classification [Alt F3] Variants (2) [F9 F3] Change of variant [Ctrl P] Production information [Ctrl F7] Itemcard [Ctrl C] Cgpy/Exchange [Home] Price
[F1] Translations of the descriptions [Ctrl F8] Versions of old SDSs [Esc] Save and edit [Alt Delete] Delete [Page 1] Occurrence in preparations [F6 F6] <Shift+F6> Copy label [1] Next page

Maintenance of countries
File Edit Help (52.0.15)
Country (ChemGes-Code) USA USA ISO-code US Flag
Basic language American English (used if text in special language is not available)
Special language (has priority for names, headings and phrases)
EU-country Basic country (Country from which all settings are taken by default)
GHS-classification type USA
09 Deactivated GHS-categories [2.3/3; 3.10/5; 3.1D/5; 3.1I/5; 3.2/3; 3.10/2; 4.1A; 4.1C; 5.1
Combined H-phrases Output of 'SDS available'-phrase, if necessary

Deactivated GHS categories
File Edit Help (52.0.15)

2.1	Explosive	3.1	Acute toxicity - oral	5
2.2	Flammable gas	3.2	Acute toxicity - dermal	5
2.3	Flammable aerosol	3.3	Acute toxicity - inhalation	5
2.4	Oxidizing gas	3.4	Skin corrosion	3
2.5	Gas under pressure	3.5	Eye damage/irritation	
2.6	Flammable liquid	3.6	Sensitization - respiratory	
2.7	Flammable solid	3.7	Sensitization - skin	
2.8	Self-reactive substance or mixture	3.8	Germ cell mutagenicity	
2.9	Pyrophoric liquid	3.9	Carcinogenicity	
2.10	Pyrophoric solid	3.10	Toxic to reproduction	
2.11	Self-heating substance or mixture	3.11	Specific target organ systemic toxicity (single exp.)	
2.12	Emits flammable gases in contact with water	3.12	Specific target organ systemic toxicity (repeated exp.)	
2.13	Oxidizing liquid	3.13	Aspiration toxicity	2
2.14	Oxidizing solid	4.1	Hazardous to the aquatic environment (acute)	1,2,3
2.15	Organic peroxide	4.2	Hazardous to the aquatic environment (chronic)	1,2,3,4
2.16	Corrosive to metals		Hazardous to the ozone layer	Harms public h...
2.17	Desensitized explosives			

[Esc] Exit [F2] Reactivate all categories
[Esc *] Exit [Alt Delete] Delete [F7] Special SDS settings for USA/Canada [F8] Country specific SDS headings

GHS: Quotients

Classifications of preparations are calculated according to the formulae and limits presented in the legislation, using raw material ingredients, physical data and tox values.

Upon pressing **Page ↓ Quotients**, a screen will open containing an overview of all *Health and Environmental Hazards*.

Here you can select to see additional information for all classes applicable to your preparation.

Classes that do not apply, are greyed out and cannot be selected.

Maintenance of preparations

Preparation: 1,000 Resin solution X 50

Product code: 1234567890

GHS classification:

- Danger
- 3.10/1; Asp. Tox. 1 - H304 May be fatal if swallowed and enters airways.
- 3.7/2; Repr. 2 - H361 Suspected of damaging fertility or the unborn child.
- 3.7/2; Repr. 2 - H361d Suspected of damaging the unborn child.
- 3.9/2; STOT RE 2 - H373 May cause damage to organs through prolonged or repeated exposure.
- Warning
- 2.6/3; Flam. Liq. 3 - H226 Flammable liquid and vapour.
- Warning
- 3.2/2; Skin Irrit. 2 - H315 Causes skin irritation.
- 3.3/2; Eye Irrit. 2 - H319 Causes serious eye irritation.
- 3.3/2; Eye Irrit. 2 - H319 Causes serious eye irritation.
- 3.4/1; Skin Sens. 1 - H317 May cause an allergic skin reaction.
- 3.8/3; STOT SE 3 - H336 May cause drowsiness or dizziness.
- Warning
- 3.1/5; Acute Tox. 5 - H333 May be harmful if inhaled.
- 4.1/2; Aquatic Chronic 2 - H411 Toxic to aquatic life with long lasting effects.

Product contains: reaction product: bisphenol-A-(epichlorohydrin) epoxy resin (number average molecular weight <= 700).

Automatic reclassification each time the substance is retrieved

[Ctrl X] Lock

Creation: Last alteration: 06/02/2020 Last classification: 06/02/2020

[Alt F11] Memo

[Ctrl G] GHS-Ableitung [Alt F8] PDF files (1) [F10] Classification [Alt F3] Variants (2) [Fn F3] Change of variant [Ctrl P] Production information [Ctrl F7] Remcard [Ctrl C] Copy/Exchange [Ctrl F8] Versions of old SDSs

[F1] Translations of the descriptions [-, Esc] Save and exit [Alt Delete] Delete [Page 1] Occurrence in preparations [Home] Price [Fn F6] <Shift+F6> Copy label [Ctrl F10] Classification with print [i] Next page

Example: Quotients for class 3.1

Toxicological values

File Edit Help (52.0.15)

GHS type: USA

Type of test	Result	Limits				
		1	2	3	4	5 (GHS)
oral	SELF 1.000 / 125 0	5	50	300	2.000	5.000
dermal	1.000 USA	50	200	1.000	2.000	5.000
inhalation	SELF 358 / 4 3 121 - / 125 0 / 530	0,05	0,5	1	5	5.000

Product code	%	Cat.	Value	oral	dermal	inhalative	
				Cat.	Value	Cat.	Value
1234567890	100,0000	4	1.000				
108-88-3	21,0526	5	5.000		12.124		5.320
141-78-6	21,0526		5.620			5	1.600
67-63-0	5,2632		5.045		12.800	5	30
78-92-2	5,2632		6.480				
1330-20-7/1	1,0000	5	4.300	4	2.000	4	11

Red values are default values from GHS

[Esc] Exit [F1] Change of the GHS type [Ctrl G] Only output of selected GHS types

Note:

Additional information regarding Quotients, can be found in the document **Quotients**, in the **Manual** and in the **Online Help**. These are available on our website www.dr-software.com.

Setting up new countries and languages

A new country can be created under either by **Ctrl** **4** **Maintenance programs** – *Various tables* – **Countries**, by either:

- pressing **Insert** **New** and entering the data for the country manually
- or by pressing **F10** **Copying of existing country**, in order to adopt the settings of the original country. Manual changes can be made after creation.

Code	Flag	ISO	Description	Language	SDS	Classification	Deactivated GHS categories
USA	US/USA	USA	American English	American English	☑		2.3/3; 3.10/5; 3.10/5; 3.1/5; 3.2/3; 3.10/2; 4.1A; 4.1C; 5.1
ARG	AR/ARG	Argentina	Spanish	Spanish	☑		
AUS	AU/AUS	Australia	English	English	☑		2.2/2; 3.2; 2.3/3; 3.10/5; 3.10/5; 3.11/5; 3.2/3; 3.3/2B; 3.10/2; 4.1A; 4.1C; 5.1
A	AT/AUT	Austria	German	German	☑		
B	BE/BEL	Belgium	French	French	☑		
BNL	BE/NL/BEL	Belgium dutch	Dutch	Dutch	☑		
BG	BE	Belgium German	German	German	☑		
BRA	BR/BRA	Brazil	Portuguese	Portuguese	☑		
BUL	BG/BGR	Bulgaria	Bulgarian	Bulgarian	☑		
CDN	CA/CAN	Canada	American English	American English	☑		2.1; 2.3/3; 3.10/5; 3.10/5; 3.11/5; 3.2/3; 3.10/2; 4.1A; 4.1C; 5.1
CDF	CA/FR/CAN	Canada french	French	French	☑		2.1; 2.3/3; 3.10/5; 3.10/5; 3.11/5; 3.2/3; 3.10/2; 4.1A; 4.1C; 5.1
CHL	CL/CHL	Chile	Spanish	Spanish	☑		3.10/5; 3.10/5; 3.11/5
RCE	CN	China English	English	English	☑		
RC	CN/CHN	China	Chinese	Chinese	☑		
COL	CO/COL	Colombia	Spanish	Spanish	☑		
CRI	CR/CRI	Costa Rica	Spanish	Spanish	☑		
CRO	HR/HRV	Croatia	Croat	Croat	☑		
CY	CY/CYP	Cyprus	Greek	Greek	☑		
CZ	CZ/CZE	Czechia	Czech	Czech	☑		
DK	DK/DNK	Denmark	Danish	Danish	☑		
ECU	EC/ECU	Ecuador	Spanish	Spanish	☑		5.1
EG	EG/EGY	Egypt	Arabic	Arabic	☑		
EST	EE/EST	Estonia	Estonian	Estonian	☑		
EU	EU	EU	English	English	☑		
EUA	EU	Example	English	English	☑		
SF	FI/FIN	Finland	Finnish	Finnish	☑		
F	FR/FRA	France	French	French	☑		
D	DE/DEU	Germany	German	German	☑		
GB	GB/GBR	Great Britain	English	English	☑		
GR	GR/GRC	Greece	Greek	Greek	☑		
HK	HK/HKG	Hong Kong	Chinese (traditional)	Chinese (traditional)	☑		
H	HU/HUN	Hungary	Hungarian	Hungarian	☑		
IS	IS/ISL	Iceland	Icelandic	Icelandic	☑		
IND	IN/IND	India	Hindi	Hindi	☑		
IDN	ID/IDN	Indonesia	Indonesian	Indonesian	☑		2.3/3; 2.6/4; 3.10/5; 3.10/5; 3.11/5; 3.2/3; 3.4R/1A,1B; 3.45/1A,1B; 3.10/2; 4.1A/2,3
IRL	IE/IRL	Ireland	English	English	☑		
IL	IL/ISR	Israel - English	English	English	☑		
ILH	IL/HE/ISR	Israel - Hebrew	Hebrew	Hebrew	☑		
I	IT/ITA	Italy	Italian	Italian	☑		

Note:

A country that was created from a copy of another, is not linked to the original country settings in any other way than via the **Basic country** option.

A new language can be created under **Ctrl** **4** **Maintenance programs** – *Various tables* – **Languages** – **Insert** **New**.

Here you can create additional languages or language variations, and allocate them to a country in the screen **Maintenance of countries**. An example is shown below, where you can see the generation of Brazilian Portuguese.

Language	ISO	Description
USA	EN	American English
AR	AR	Arabic
AJ	AZ	Azeri
BIH	BS	Bosnian
BUL	BG	Bulgarian
BQ	BE	Byelorussian
CHI	ZH-CN	Chinese
CHT	ZH-TW	Chinese (traditional)
KRO	HR	Croat
TS	CS	Czech
DA	DA	Danish
NL	NL	Dutch
AUS	en-AU	English - Australia
CDN	en-CA	English - Canada
ENG	EN	English
MAE	en-MY	English - Malaysia
ZA	en-ZA	English - South Africa
EST	ET	Estonian
SF	FI	Finnish
CDF	fr-CA	French - Canada
FR	FR	French
D	DE	German
GR	EL	Greek
HE	HE	Hebrew
HI	HI	Hindi
UNG	HU	Hungarian
IS	IS	Icelandic
IDN	ID	Indonesian
VN	VN	vietnamese

Headings and Phrases

Headings and Phrases are an integral part in the automatic creation of country-specific SDSs.

Heading and Phrase translations are available in all languages in which the Heading and Phrase will be output on an SDS.

The country-specific output of Headings is guided by the *Country* setting for each phrase individually.

The mandatory/non-mandatory nature of a Heading is guided by the *Type of Heading* settings.

The screenshot shows the 'Headings (American English)' application window. On the left is a list of headings with columns for 'Number', 'Text', and 'Translations'. On the right is the 'Maintenance of headings (English)' dialog box. In this dialog, the 'Type of heading' section is highlighted with a red box, showing options: 'applicable (can be left empty)', 'information (must be filled out, content can be a general statement)', 'standard (must be filled out, content is mandatory)', and 'Standard only for EU-countries'. The 'Countries' section at the bottom is highlighted with a yellow box, showing the setting 'All countries, as long as a translation is available'. Other settings include 'Output as standard proposal at a new creation of an SDS', 'Only for REACH-SDSs', 'Only for GHS', 'Area can be filled in', 'Preceding spacing in the printed SDS', 'Indent of the heading', 'Level', 'Sub-heading for EU SDSs', and 'Phrase is part of DR-Software's phrase library'.

This is a close-up of the 'Maintenance of headings (English)' dialog box. The 'Type of heading' section is highlighted in red. It contains four radio button options: 'applicable (can be left empty)', 'information (must be filled out, content can be a general statement)', 'standard (must be filled out, content is mandatory)', and 'Standard only for EU-countries'. Other visible settings include 'Output as standard proposal at a new creation of an SDS', 'Only for REACH-SDSs', 'Only for GHS', 'Area can be filled in', 'Preceding spacing in the printed SDS', 'Indent of the heading', 'Level', 'Sub-heading for EU SDSs', and 'Countries'.

The screenshot shows the 'Maintenance of phrases (American English)' application window. On the left is a list of phrases with columns for 'Number', 'Text', and 'Translations'. On the right is the 'Maintenance of phrases (English)' dialog box. In this dialog, the 'Conditions' section is highlighted in blue, showing the setting 'GHS classification: Acute Tox. (I) 2,1,2,3'. The 'Allocation of other phrases' section is also visible, showing the setting '4.40/4 In case of unconsciousness place patient stably in side position for transportation'. Other settings include 'Other phrase', 'Standard phrase', 'Default value for variables', and 'Phrase is part of DR-Software's phrase library'.

Country-specific outputs of Phrases are guided by Phrase Conditions (see *Power Point Phrases and their conditions* in the downloads section of our website www.dr-software.com).

- *Conditions* can link phrases to countries, to substances, to other phrases and to classifications, among other things. This way phrases can aid in the refinement and specification of country-specific SDSs.

Note:

ChemGes is not a translation software. Any text created by you, must also be translated by you. There is no software capable of providing acceptable and reliable translations, especially not when it comes to such highly technical terminology. We do provide translations of all phrases and headings that are in ChemGes, for the languages in which they are used.

Country-specific data: Substance listings

Substance Listings, which are output in Section 15 of the SDS, corresponding to the country, can be viewed under **[Ctrl]**. Here you will find the details as to the country listing status and information, for your raw material.

The screenshot shows the 'Maintenance of raw materials' window. The main area displays the substance name 'Formaldehyde' and its CAS number '50-00-0'. The 'GHS classification' section shows 'Danger 3.1/3; Acute Tox. 3' and '3.6/1B; Carc. 1B'. The 'Additional physical Values' section shows 'State: liquid', 'Flash point: $\leq 93\text{ }^\circ\text{C}$', 'Boiling point: $-21\text{ }^\circ\text{C}$', 'Density: 0,81', and 'pH value'. The 'Transport' section shows 'ADR: 8' and 'DOT: 8'. The 'NFPA' section shows 'NFPA 2, 3, 1'. The 'Substance listings' section is highlighted in green, indicating it is the active view.

The screenshot shows the 'Listing status for 1234567890 Resin solution X 50' window. The table lists various countries and their corresponding substance listings, limits, and status.

Country	Listing	Description	Limit	Type	Status
Japan	TTR	Toxicity Tests Results	>0%	Yes/No	No substance is included
	WPCA-DS	Water Pollution Control Act - Designated Substances	>0%	Value	3 / 7 of the substances are included
	WPCA-HS	Water Pollution Control Act - Harmful Substances	>0%	Value	No substance is included
	CCA-AS	Korean Chemical Control Act - Authorized substances	>0%	Yes/No	4 / 7 of the substances are included
	CCA-AM	Korean Chemical Control Act - Awareness Materials	>0%	Yes/No	2 / 7 of the substances are included
	CCA-PS	Korean Chemical Control Act - Prohibited Substances	>0%	Yes/No	No substance is included
	CCA-RS	Korean Chemical Control Act - Restricted Substances	>0%	Yes/No	No substance is included
	CCA-TS	Korean Chemical Control Act - Toxic substances	>0%	Yes/No	3 / 7 of the substances are included
	KCMR	Korean CMR Substances	>0%	Yes/No	No substance is included
	KDSL	Korean Dangerous Substance List	>0%	Value	5 / 7 of the substances are included
Korea	KES	Korean Exempt Substances	>0%	Yes/No	No substance is included
	KECI	Korean Existing Chemical Inventory	>0%	Value	One substance is not included
	ISHA-HASME	Korean ISHA - Hazardous Agents Subject to Special Medical Examination	>0%	Value	4 / 7 of the substances are included
	ISHA-HAWEM	Korean ISHA - Hazardous Agents Subject to Work Environment Monitoring	>0%	Value	5 / 7 of the substances are included
	ISHA-HSFC	Korean ISHA - Hazardous Substances Subject to Control	>0%	Yes/No	5 / 7 of the substances are included
	ISHA-HSSCC	Korean ISHA - Hazardous Substances Subject to "Special Control"	>0%	Value	No substance is included
	ISHA-SPM	Korean ISHA - Substances Prohibited for Manufacturing, etc.	>0%	Yes/No	No substance is included
	ISHA-SRP	Korean ISHA - Substances Requiring Permission	>0%	Yes/No	No substance is included
	KPCS_1	Korean Priority Control Substances - Table 1	>0,1%	Yes/No	One substance is included
	KPCS_2	Korean Priority Control Substances - Table 2	>0,1%	Yes/No	No substance is included
Malaysia	EHSRL	EHS Reference List	>0%	Yes/No	One substance is not included
	IMSQ	Inventario Nacional de Sustancias Quimicas	>0%	Yes/No	5 / 7 of the substances are included
Mexico	PZZS	Lijst van Potentieel Zeer Zorgwekkende Stoffen	>0%	Yes/No	One substance is included
	ZZS	Lijst Zeer Zorgwekkende Stoffen	>0%	Yes/No	No substance is included
Netherlands	NIET B	NIET - Borstvoeding	>0%	Value	No substance is included
	NIET O	NIET - Ontwikkeling	>0%	Value	2 / 7 of the substances are included
New Zealand	NIET V	NIET - vruchtbaarheid	>0%	Value	No substance is included
	SZW KS	SZW-lijst van kankerverwekkende stoffen	>0%	Yes/No	No substance is included
Philippines	SZW MS	SZW-lijst van mutagene stoffen	>0%	Yes/No	No substance is included
	HSNO	HSNO Approval numbers	>0%	Value	One substance is not included
Singapore	NZIoC	New Zealand Inventory of Chemicals and Chemical Substances	>0%	Yes/No	One substance is not included
	PKSCS	Philippines Inventory of Chemicals and Chemical Substances	>0%	Yes/No	One substance is not included
Taiwan	SHPA	Singapore Health Products Act - First Schedule	>0%	Yes/No	No substance is included
	SPA	Singapore Poisons Act - Schedule 1	>0%	Value	No substance is included
Thailand	SPA2_II	Singapore Poisons Act - Schedule 2, Group II	>0%	Yes/No	No substance is included
	PMC_A1	PMC Taiwan Priority Management Chemicals - Appendix I	$\geq 1\text{ }$	Yes/No	No substance is included
	PMC_J	PMC Taiwan Priority Management Chemicals - Article 2, paragraph 2, item I	$\geq 1\text{ }$	Yes/No	No substance is included
	PMC_II	PMC Taiwan Priority Management Chemicals - Article 2, paragraph 2, item II	$\geq 1\text{ }$	Yes/No	5 / 7 of the substances are included
	TPEC	Priority Existing Chemical Substances	>0%	Yes/No	2 / 7 of the substances are included
	TCSCA-CCS	TCSCA Control concentration standard (w/w%)	>0%	Value	No substance is included
	TCSCA-LSHS	TCSCA Large-scale handling standard (kg)	>0%	Value	No substance is included
	TCSCA-CCSSR	TCSCA Regulations of New and Existing Chemical Substances Registration, Appendix 6	>0%	Yes/No	2 / 7 of the substances are included
	TCSCA-RCN	TCSCA Regulatory control number	>0%	Value	No substance is included
	TCSCA-TC	TCSCA Toxicity classification	>0%	Value	No substance is included
Vietnam	TCSI	TCSI Taiwan Chemical Substance Inventory	>0%	Yes/No	One substance is not included
	ECDT	Existing Chemical Directory of Thailand (DW)	>0%	Yes/No	One substance is not included
HSL-DOA	Thailand Hazardous Substance List - Department of Agriculture	>0%	Value	No substance is included	
	HSL-DEB	Thailand Hazardous Substance List - Department of Energy Business	>0%	Value	No substance is included
HSL-DOF	Thailand Hazardous Substance List - Department of Fishery	>0%	Value	No substance is included	
	HSL-FDA	Thailand Hazardous Substance List - Department of Food and Drug Administration	>0%	Value	No substance is included
HSL-DIW	Thailand Hazardous Substance List - Department of Industrial Work	>0%	Value	2 / 7 of the substances are included	
	HSL-DLD	Thailand Hazardous Substance List - Department of Livestock Development	>0%	Value	No substance is included
PL4-CPRP	Chemicals requiring prevention	>0%	Value	No substance is included	
	PL1-CSCP	Chemicals subject to conditional production	>0%	Yes/No	4 / 7 of the substances are included
PL5-CSCD	Chemicals subject to declaration	>0%	Yes/No	3 / 7 of the substances are included	
	PL2-RCP	Restricted chemicals in production	>0%	Yes/No	No substance is included

Note:

The **Substance Listings** screen is also available for preparations, where you can see which ingredients of a preparation are contained in the various substance listings and which are not.

Country-specific data: OELVs

OELVs, which are output in Section 8 of an SDS, country-specifically, are accessible via **Ctrl M** OELVs, for each raw material.

Upon clicking on a value, the screen **Maintenance of limit values**, opens, where **more details** to the OELVs can be seen.

Whether a value is a **Biological Limit Value**, can be identified in the screen *Biological limit values* with the option **Biological limit value** and in the screen *OELVs* in the column **Biological limit values**.

New values can be entered in the screen *TLVs* after pressing **Insert** **Addition of a new TLV**.

Country	Type	Short-term values mg/ml	Long-term values mg/ml	Ceiling limit values mg/m	S/H	Biological limit values	Group value
Australia	WES	2.5	2	1.2	1		Sen
Austria	MAK	0.74	0.6	0.37	0.3		siehe Anhang III A2
Belgium	VL	0.38	0.3				C, M;
Belgium dutch	GW	0.38	0.3				C, M;
Bulgaria	GS	2.0	1.0				
Canada	EL		0.3	0.1			ACGIH A1; IARC 1; S(D), S(R)
Canada french	EV		1.0			1.5	
Chile	LP		1.0			1.5	
China	OEL			0.37	0.3	0.5	A1
Croatia	GVI	0.74	0.6	0.37	0.3		alerger koža, Karc 1B
Czechia	NPK	1	0.5				L, K, P
Denmark	GV			0.4	0.3		LK
Estonia	TKOP	1.2*	1*	0.6	0.5		C, S*arvutatud 5-minutisele kokkupu
EU	BOELV	0.74	0.6	0.37 (0.62)*	0.3 (0.5)*		Skin sens*health/funeral/embalming
Finland	HTP	0.74*	0.6*	0.37*	0.3*		*situvat raja-arvot: Ihoherkistyminen
France	VLEP	0.74	0.6	0.37 0.5*	0.3 0.62*		C1B, M2,*jusqu'au 11.07.24 l'emba
Germany	AGW			0.37	0.3		2(1);AGS, Sh, Y, X
Germany	MAK			0.37 1.2*	0.3		*Momentanwert
Great Britain	WEL	2.5	2	2.5	2		Carc
Greece	TWA	2.5	2	2.5	2		
Hungary	OELV	0.6	0.6				k(1B), b, m, sz
Iceland	MEN	0.74	0.60	0.37	0.30		H, K
Indonesia	NAB	(0.3)					(A2, DSEN, RSEN)
Ireland	OEL	0.738	0.6	0.37 0.62*	0.3 0.5*		Carc1B, Sens*healthcare,funeral,emb
Israel	OELV			0.2		0.3	
Italy	TWA			0.37	0.3		
Japan	OEL		0.12	0.1	0.24	0.2	sen, A2
Korea	OELV			0.3			
Latvia	AER		0.5				발암성1A,생식세포 변이원성2
Lithuania	PRD		0.6	0.5	1.2	1	0 J K
Malaysia	PEL			0.37	0.3		
Mexico	VLE			0.37	0.3		A2, SEN
Netherlands	GWG	0.5	0.4	0.15	0.1		confirmed carcinogen, dsen, interim
New Zealand	WES	0.6	0.6	0.3	0.3		skora
Norway	AG		0.6	0.5	1.2	1	A K
Poland	NDS	0.74	0.37				skora
Portugal	VLE					0.3	(S); A2; Irritação ocular e do TRS
Romania	VLM	3	2	1.2	1		C2
Russia	POK			0.5			ru; O, A, +;
Singapore	PEL	0.37	0.3				
Singapore	WSH	0.37	0.3				
Slovakia	NP	0.74	0.6	0.37	0.3		S
Slovenia	MV			0.62	0.5		K, Y
South Africa	OEL	2.5	2	1.2	1		
Spain	LEP	0.74	0.6	0.37	0.3		C1B, Sen, s
Sweden	OEL	0.74	0.6	0.37	0.3		C, H, S
Switzerland - german	MAK	0.74	0.6	0.37	0.3		S C1b SSCMAK eingehalten; Kein erh
Taiwan	PEL			1.2	1		
Vietnam	PEL	1.0		0.5			IARC 1

Maintenance of raw materials

CAS number [50-00-0] Index number [605-001-00-5] EC number [200-001-8]

1 formaldehyde ... %
formaldehyde ... %
FORMALDEHYDE
Formaldehyde
formalin

Standard EU
INCI (general)
INCI (ENG)

2 State liquid
3 Flash point ≤93 °C
4 Boiling point -21 °C
5 Density 0.81
6 pH value
7 Viscosity at 20° 2 mPas
at 40° mm²/s
8 Water soluble
9 Solvent VOC USA Exempt
F3 Additional physical values
F7 Self-defined physical/chemical data

Maintenance of limit values

1 Country [AUS] Australia
2 Type of limit value [WES] Biological limit value
4 Group -

	mg/m³	ml/m³
5 Short-term values	2.5	2
6 Long-term values	1.2	1
7 Ceiling limit values		

8 S/H
9 No transfer of the standard unit into the SDS

Value	Medium	Sampling time	Parameter

14 Comment [Sen]
15 Locked for updates

[Esc] Exit [F1] Maintenance of group OELVs [F2] Codes for biological limit values [Insert] Addition of a new OELV [Ctrl+M] Maintenance of limit values [F12] Codes for biological limit values [Alt+Delete] Delete

Country-specific data: *Other data*

Other country-specific information for raw materials and for preparations, can be found in the screens *Country specific information* and *Country specific classifications*, respectively.

The screenshot shows the 'Country specific information' window with a menu bar (File, Edit, Database, Help) and a toolbar with icons for Physical data, Additional physical-chemical values, OELVs, Toxicological values, Substance listings, and Transport. The main area contains various input fields and checkboxes for different countries and regulations. Fields include: Seveso III (Qualified quantities: 5 t, 50 t, CAS 50-00-0), Biocidal Products Regulation (Biocidal active substance, Nanomaterial), Annex XVII REACH (Restrictions) (3, 28, 72), Waste #, Waste hazards (HP6, HP7, HP8, HP11, HP13), ECHA notification - Reference Number, Chemical Safety Assessment available, Storage class (LGD acc. to TRGS510) (6.1 C), VbF (BetrSichV), Water hazard class (3), Type (List classification), The substance is subject to annex 2 of the ChemVerbotsV (checked), Groups (Causing cancer (12), Pregnancy (C), Mutative (5)), Exposure peak limit (4), BAT values (Parameter, Value, Unit, Material, Moment), Substance groups for California Cleaning Product Right to Know Act, Registration (22-2345-XXXX-XXXX), Pre-registration (Tonnage band, Deadline for registration, Pre-registered substance (checked)), HMIRA numbers, Nanoform, and Special percentage limits for the SDS (acc. to presettings - Use limit tables). An OK button is at the bottom.

The screenshot shows the 'Country specific classifications' window with a menu bar (File, Edit, Help) and a toolbar with icons for Basic screen, Formulation, Physical data, Country specific classifications, and Transport. The main area contains various input fields and checkboxes for different countries and regulations. Fields include: Seveso III (Qualified quantities: 200 t, 500 t, Category: E2), Annex XVII REACH (Restrictions) (48), Waste # (08 01 11*, 05 07 99, 03 03 09), Relevant waste hazards (HP4, HP5, HP10, HP13, HP14), Cosmetic product according to Regulation 1223/2009/EC (checked), Leave-on Product (unchecked), Detergent Regulation (Fragrance (checked), Essential oil, Dye), Biocidal Products Regulation, ECHA notification, Chemical Safety Assessment available, Output precursors for explosives in the SDS (checked), The product is subject to annex 2 of the ChemVerbotsV (unchecked), WHC (Water hazard class) (2), Water hazardous contents (checked), Storage class (LGD acc. to TRGS510) (8 A), BetrsichV, GISCode (BG BAU), Dangerous Substances and Quantity of Dangerous Substances (제 4: 200 리터), Hazardous Substances Subject to Special Control (Waste, Designated, Workplace, Municipal), Coating (checked) (VOC value, Wood preservative), Waste # (55,503), Waste # (VbF), ABM (A(2), ABM (NL) contents), MAL-Code (4-5, MAL code contents), Fire Hazard Act (-), and FOPH registration (checked). A bottom toolbar contains keyboard shortcuts: [Esc] End, [Ctrl F4] Calculate the WHC (D), [F4] Printout of documentation for WHC, [Ctrl W] Water hazardous contents, [Ctrl A] ABM (NL) contents, [Ctrl S] Solvents, [Ctrl M] MAL code contents, [Ctrl X] Ingredients Annex XVII, [Ctrl R] Registry numbers.

Bi-lingual SDSs

In order to generate a bi-lingual SDS, consisting of two versions of one SDS, in 2 languages, output in one file, go to **Ctrl L Maintenance programs – Various tables – Countries** and choose a country. There, you enter a country in the field **Output of a second SDS for**.

The screenshot shows the ChemGes software interface. The main window is titled "Administration of Chemicals" and displays a table of countries under the "Maintenance of countries" dialog. The table has the following columns: Code, Flag, ISO, Description, Language, SDS, Classification, and Deactivated GHS categories. The row for "USA" is selected. The "Output of a second SDS for" field is highlighted in green.

Code	Flag	ISO	Description	Language	SDS	Classification	Deactivated GHS categories
USA		US	USA	American English	<input checked="" type="checkbox"/>		2.3/3; 3.10/5; 3.1D/5; 3.1I/5; 3.2/3

The "Maintenance of countries" dialog box is open, showing the configuration for Canada. The "Country (ChemGes-Code)" is set to "Canada". The "ISO-code" is "CA" and the "Flag" is the Canadian flag. The "Basic language" is "American English" and the "Special language" is "English - Canada". The "EU-country" is "Canada" and the "Basic country" is "Canada". The "GHS-classification type" is "Canada" and the "Deactivated GHS-categories" is empty. The "Combined H-phrases" is checked and the "Output of SDS available'-phrase, if necessary" is unchecked. The "Decimal character" is "Period" and the "Format of the date" is "Standard". The "Activation of safety data sheet for this country" is checked. The "Settings for section 3" are: "Only ingredients with health and environmental hazards are shown" is unchecked; "Output of the hazard types in SDS language" is unchecked; "Limit table to be used" is "Canada"; "Output of numbers" is checked; "Output of synonyms of substance descriptions" is checked; "Output of ingredients in section 2 instead of section 3" is unchecked; "Output of all ingredients (including harmless ones)" is unchecked; "EU only: Specification of additional information (e.g. occurrence of OELVs)" is unchecked. The "Use strict EU rules" is checked and "Use special settings, which are otherwise only used for USA and Canada" is checked. The "Output of hazard statements of raw materials and of the abbreviations in section 16" is unchecked. The "Occupational exposure limit values to be shown (OELV)" is "Canada". The "Output of the toxicology comments" is unchecked. The "Celsius values also in Fahrenheit" is unchecked. The "Sort order of headings in SDS" is "Standard". The "Archiving of safety data sheets" is checked. The "Type of output" is "GHS". The "Template" is "Format not defined". The "Output of a second SDS for" field is highlighted in green and contains "Canada french".

Note:

The following points are important with respect to bilingual SDSs:

- These are 2 SDSs output back-to-back in one file
- Both SDSs are based upon the country settings of the first SDS. This ensures that different country settings cannot result in different SDSs being output as bi-lingual SDSs.
- The only difference to the above point, is related to the TLVs, Toxicological values and the transport data.
- Any heading or phrase that is missing in the language of the second country, will be replaced with the text available for the first country.
- The creation of a second SDS by adding it to another SDS in the above-described manner, does not result in a checkmark next to the second country, in the list of SDS countries, linked to your substance.

For example:

If you create an SDS for Canada in French and have set the **second SDS** to be Canada English, then you will receive one document containing a French version followed by an English Version of the SDS, based on the settings for Canada French. Upon pressing F8 in order to generate an SDS, only Canada French will be checked off as having been created and in order to access the SDS, Canada French will have to be selected. If the setup is vice versa, then the English SDS will be first and Canada English will have a checkmark.

More detailed Information can be found in the Manual to ChemGes

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